

FIG. 1

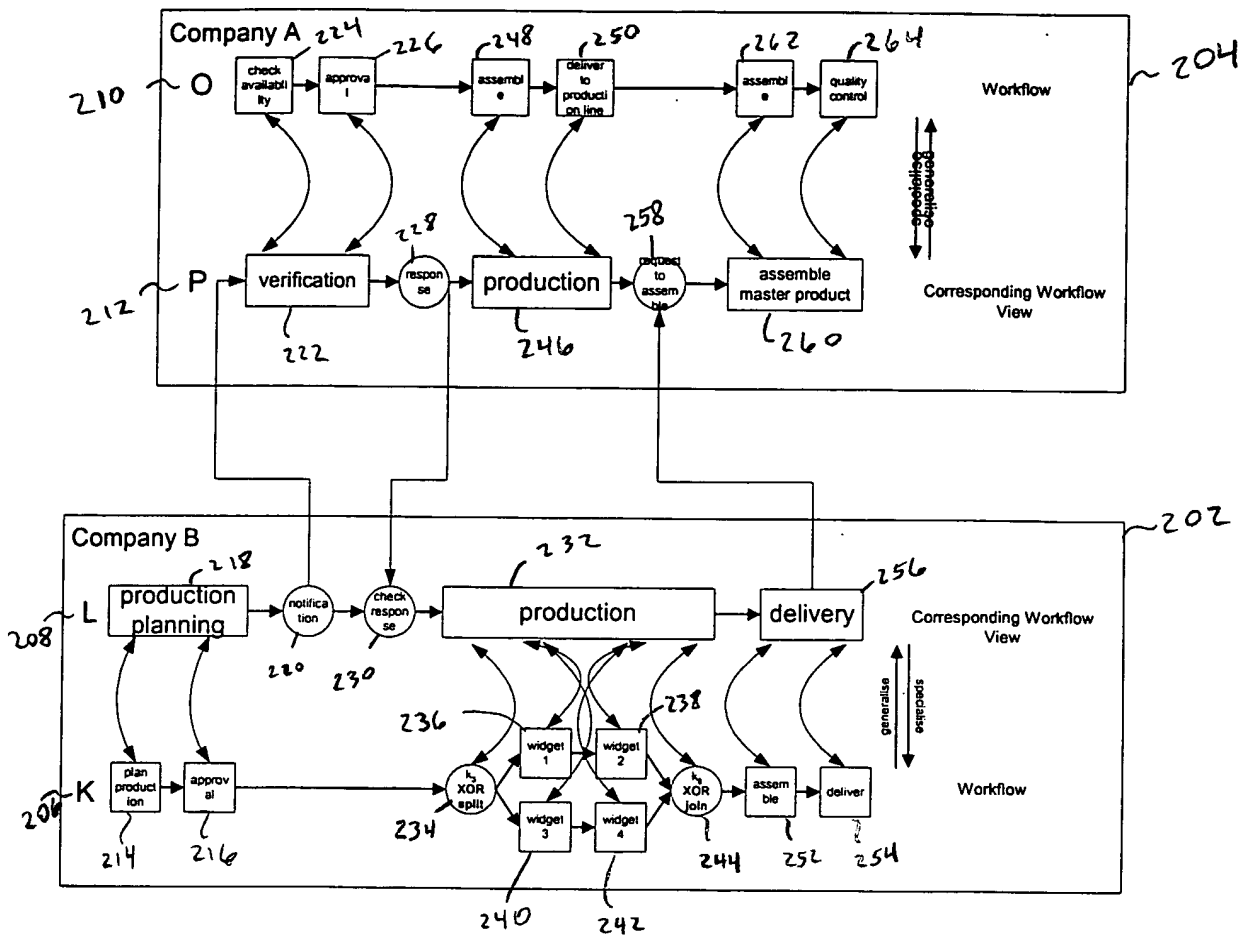
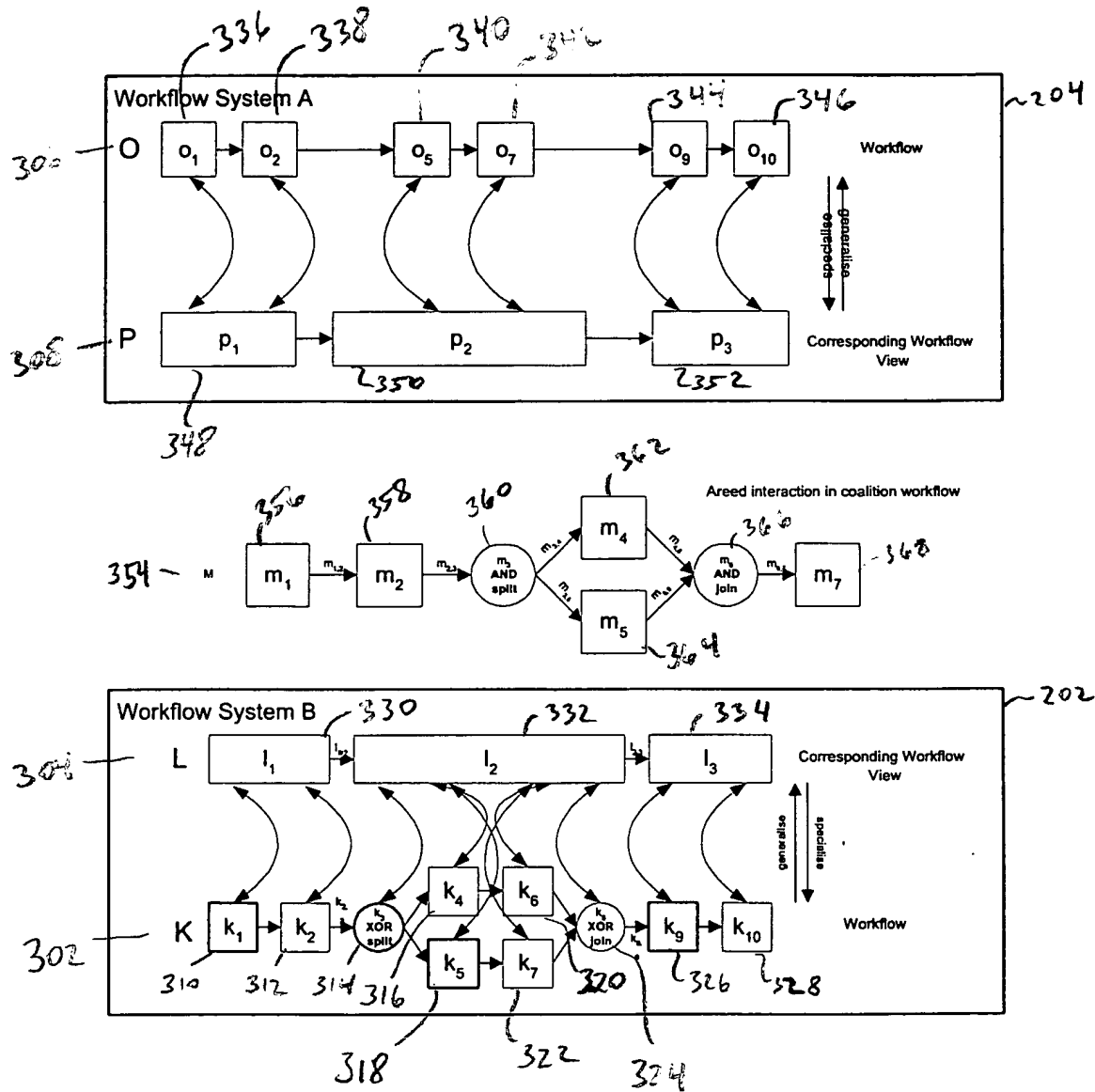
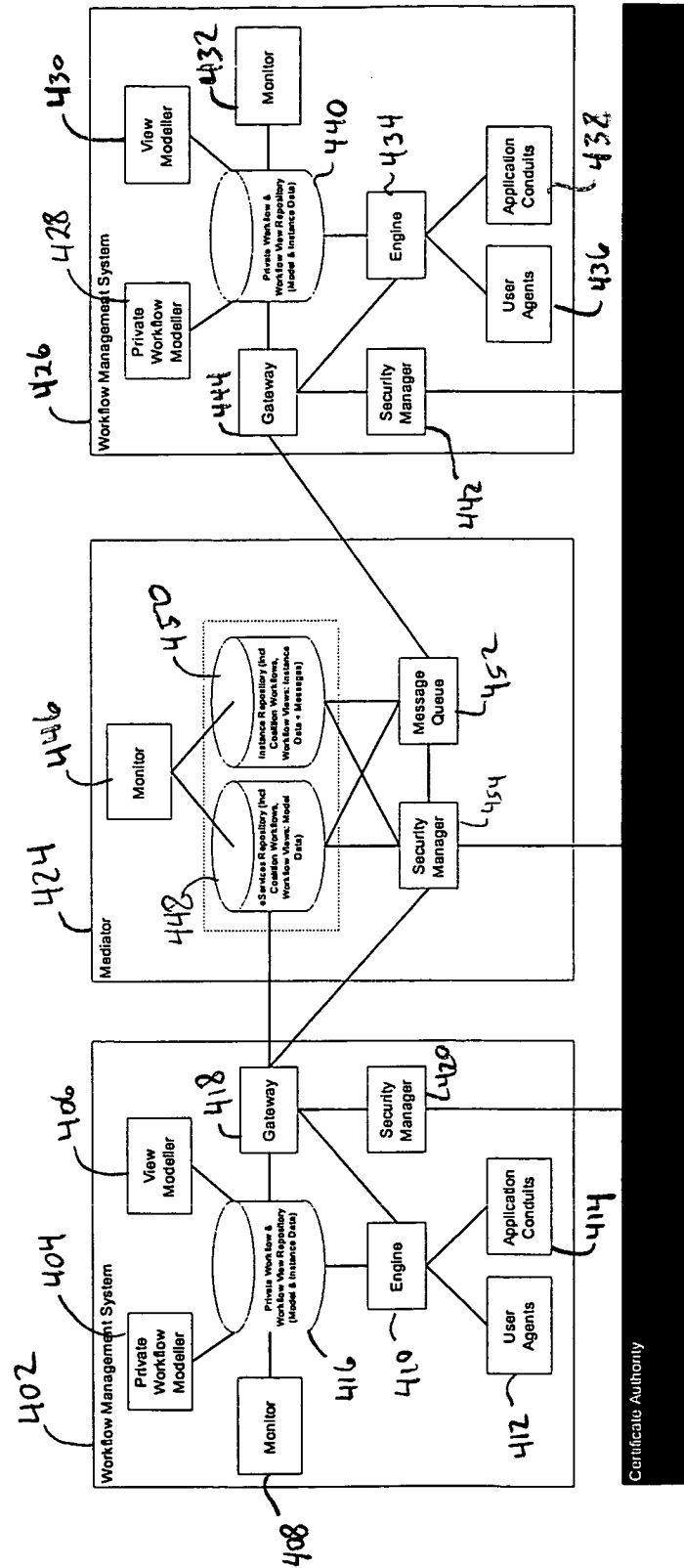


FIG. 2





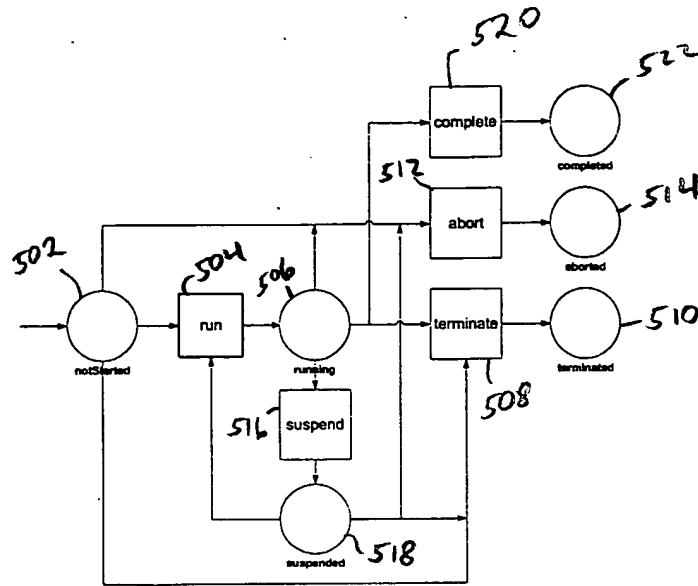


FIG. 5

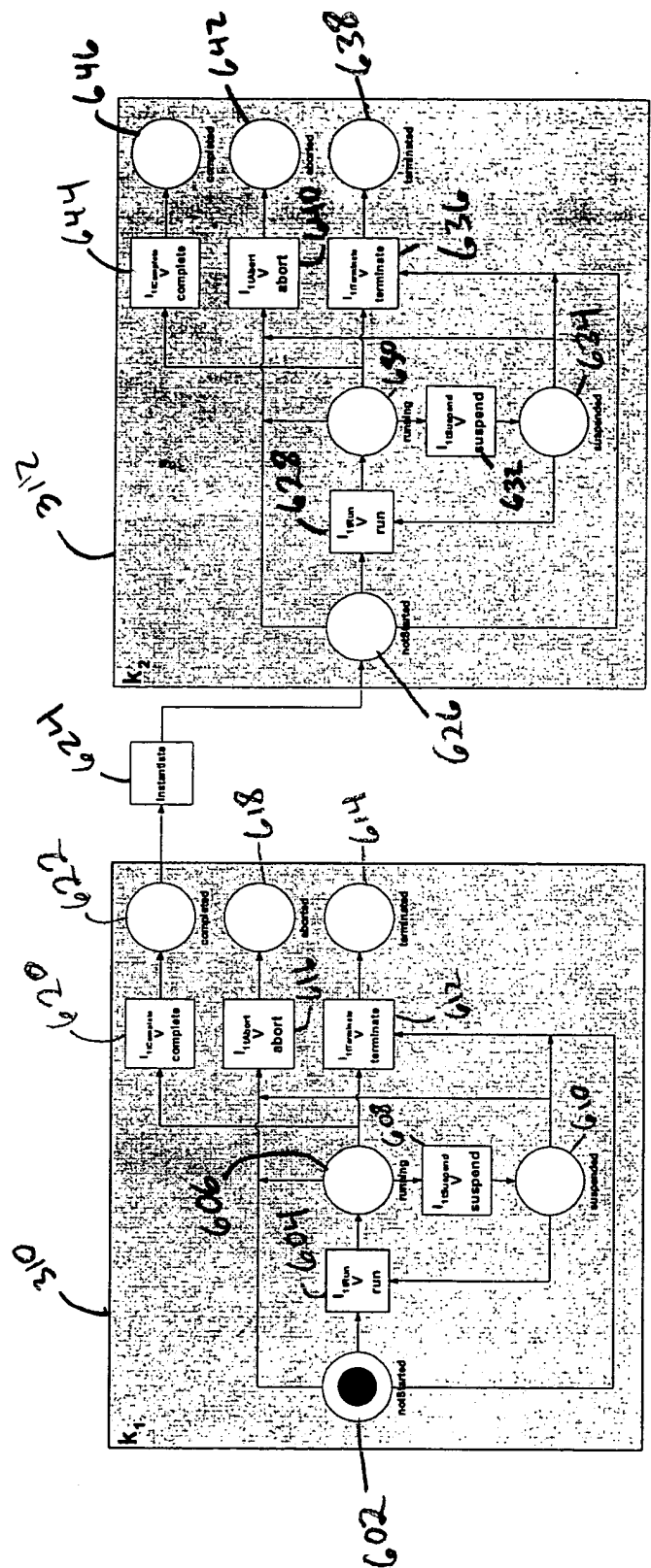


FIG. 6

TRANSFORMATIONS BETWEEN PRIVATE AND SHARED WORKFLOWS

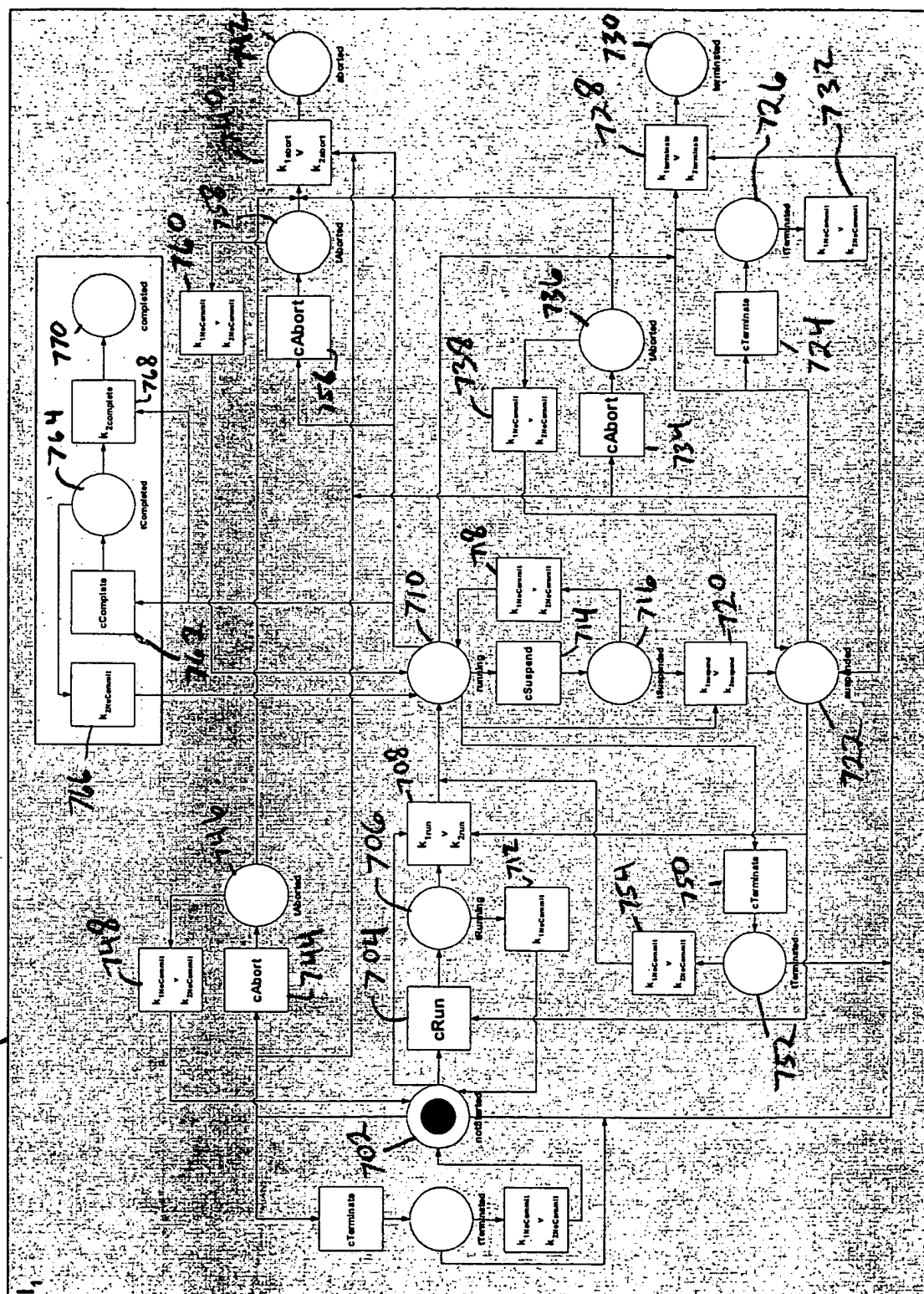


FIG. 7

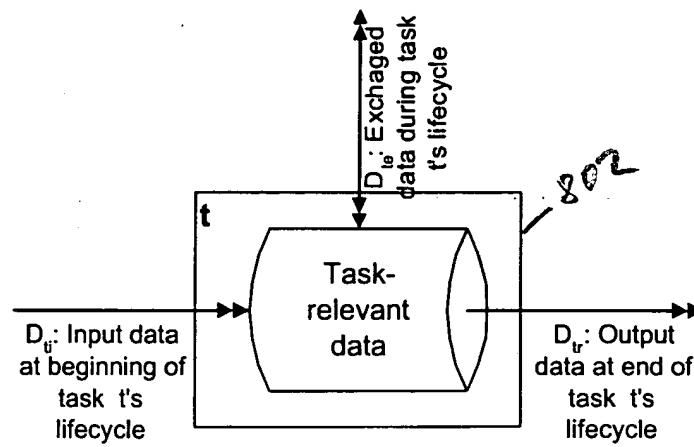


FIG. 8

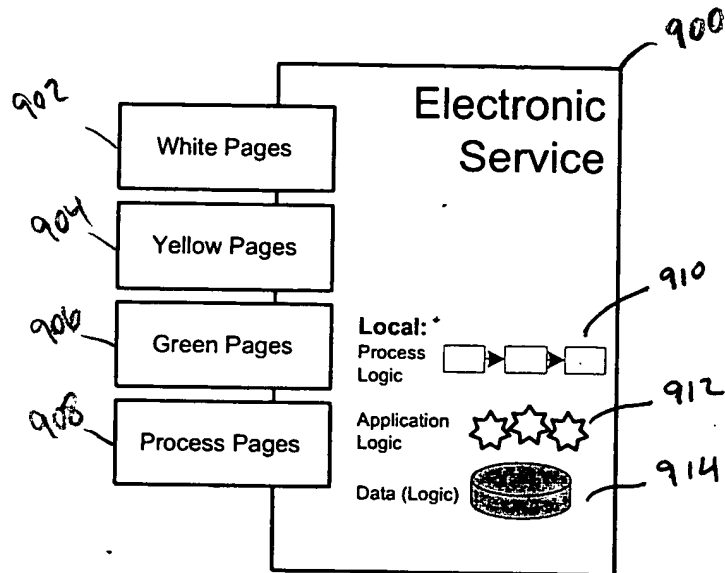


FIG. 9

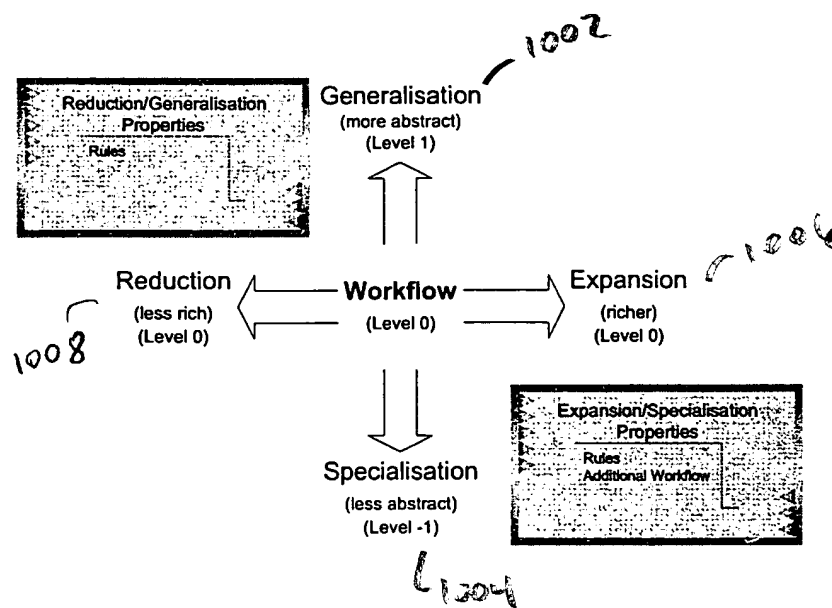


FIG 10

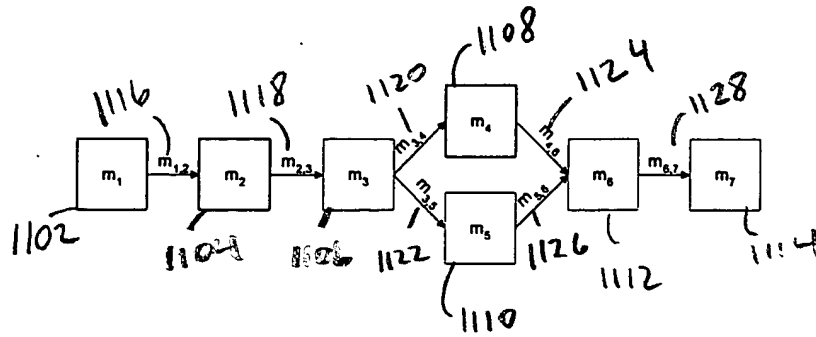


FIG. 11

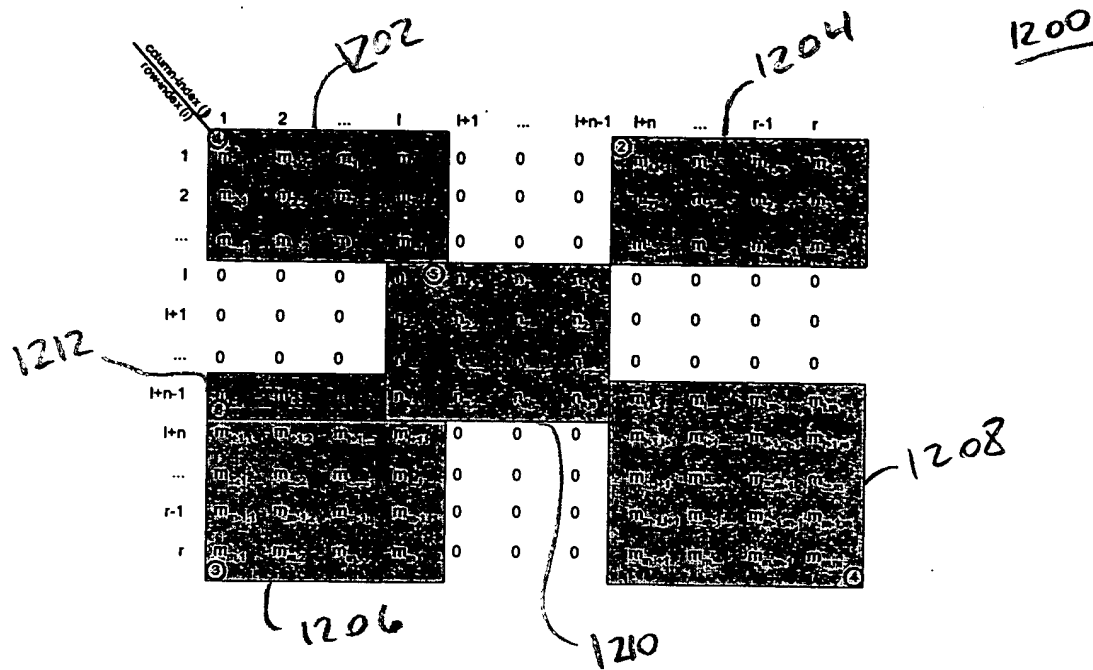


FIG. 12

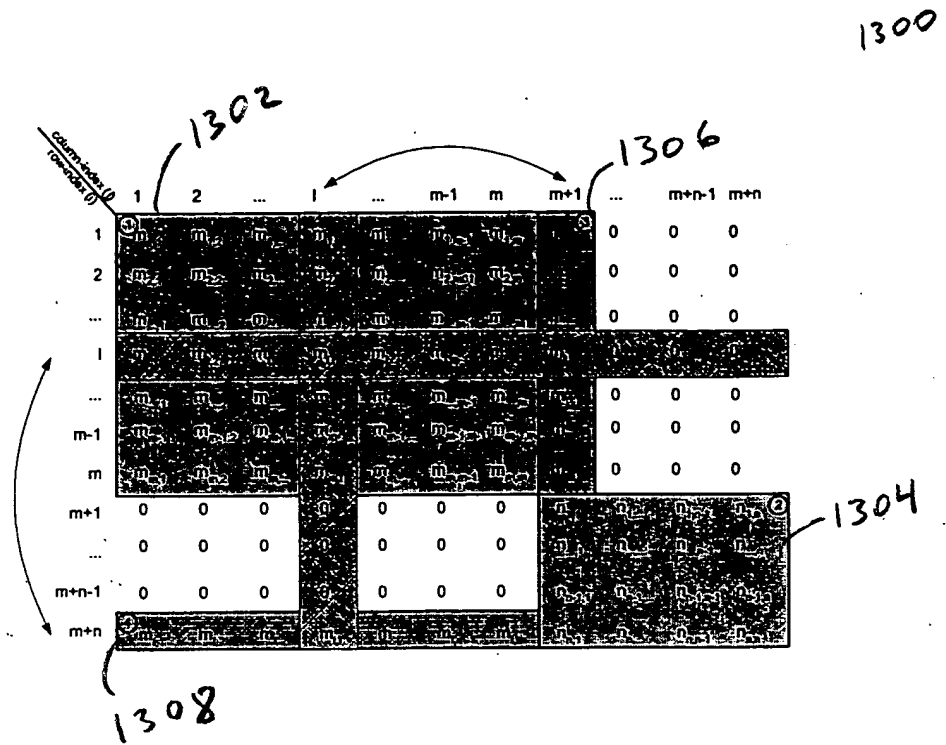


FIG. 13

Applicant(s): Karsten Schulz, et al.

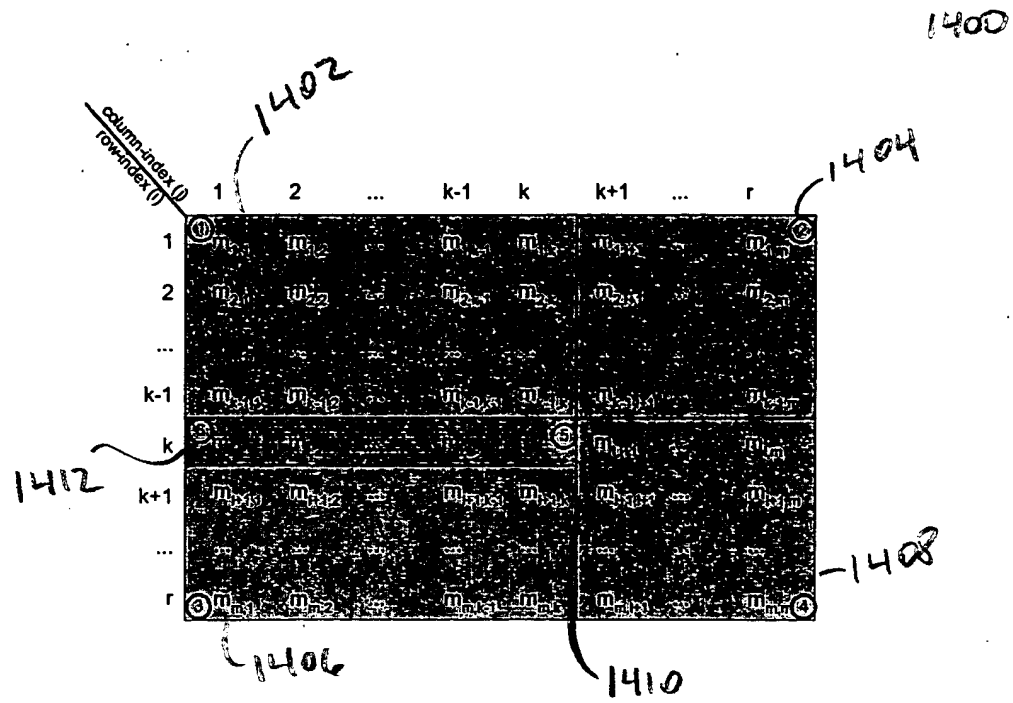
TRANSFORMATIONS BETWEEN PRIVATE AND SHARED
WORKFLOWS

FIG. 14

Applicant(s): Karsten Schulz, et al.

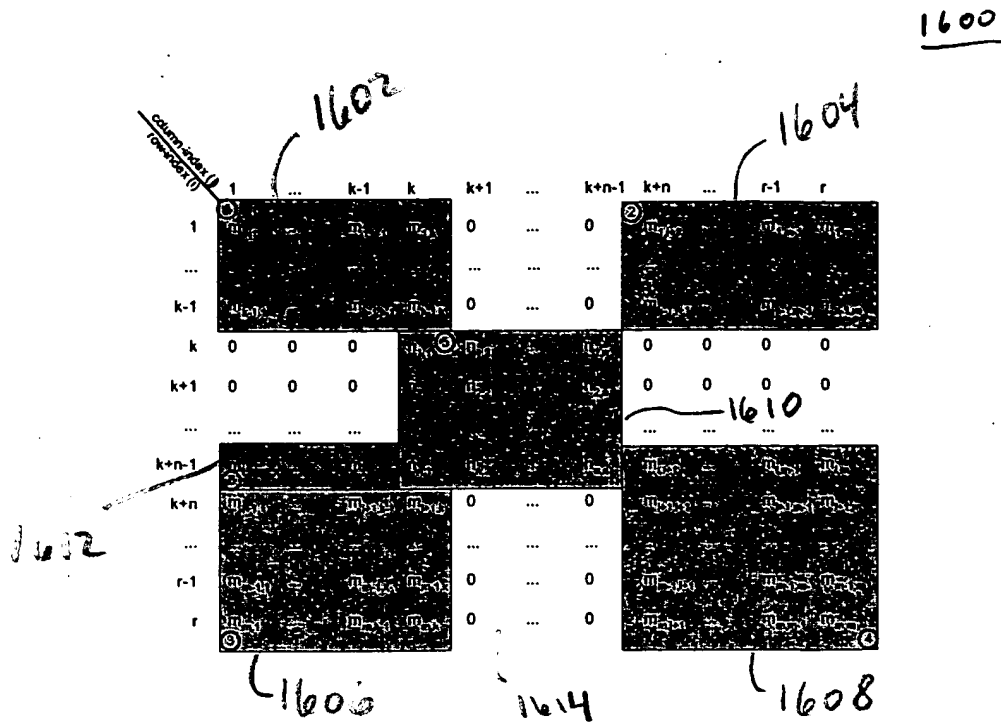
TRANSFORMATIONS BETWEEN PRIVATE AND SHARED
WORKFLOWS

FIG. 16

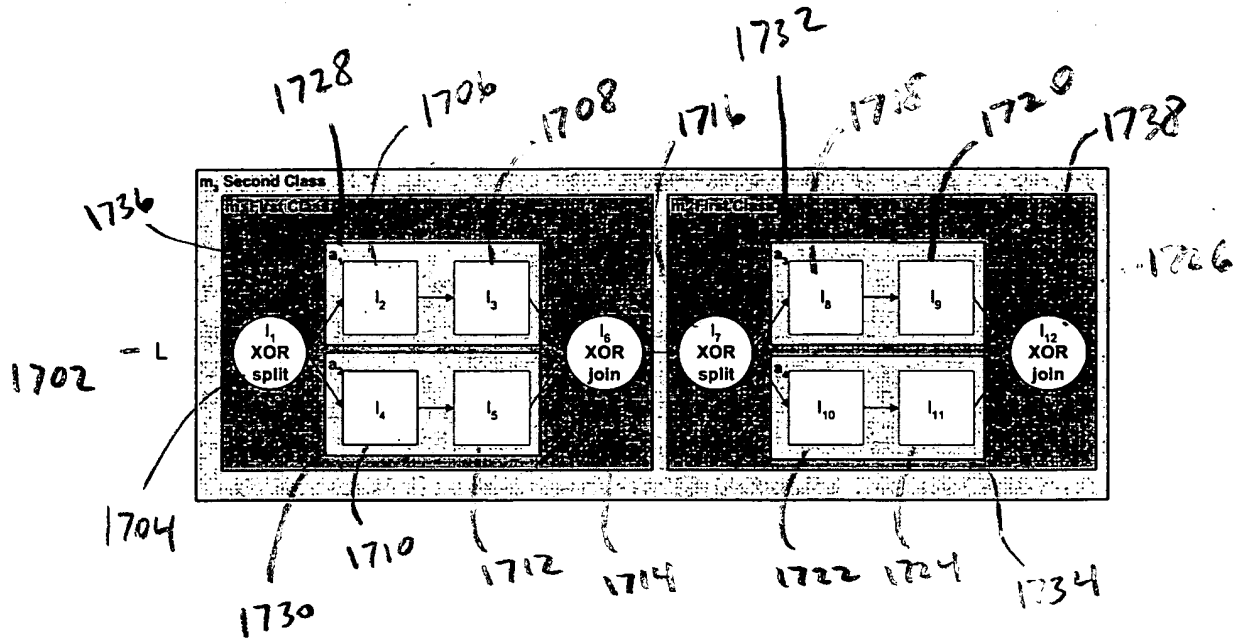


FIG. 17

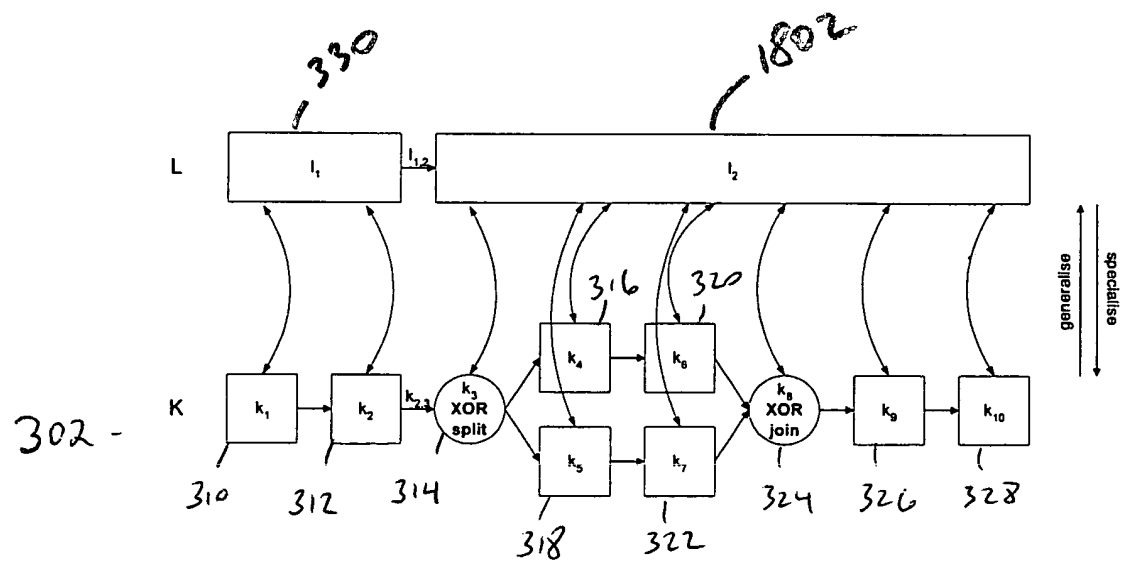


FIG. 18

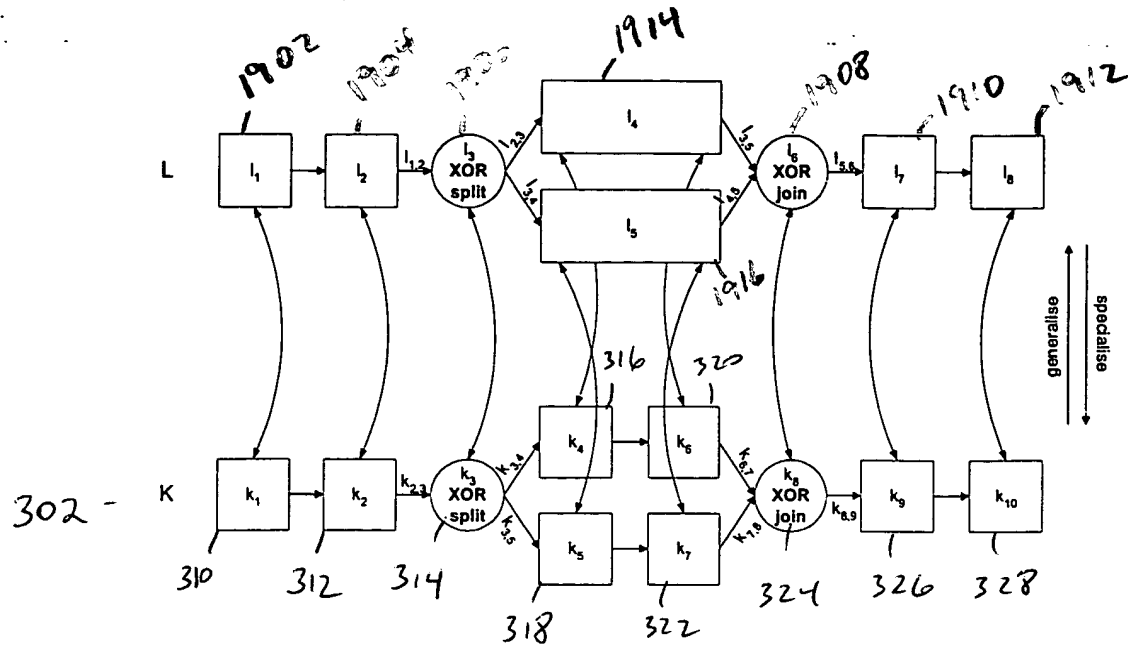


FIG. 19

302a

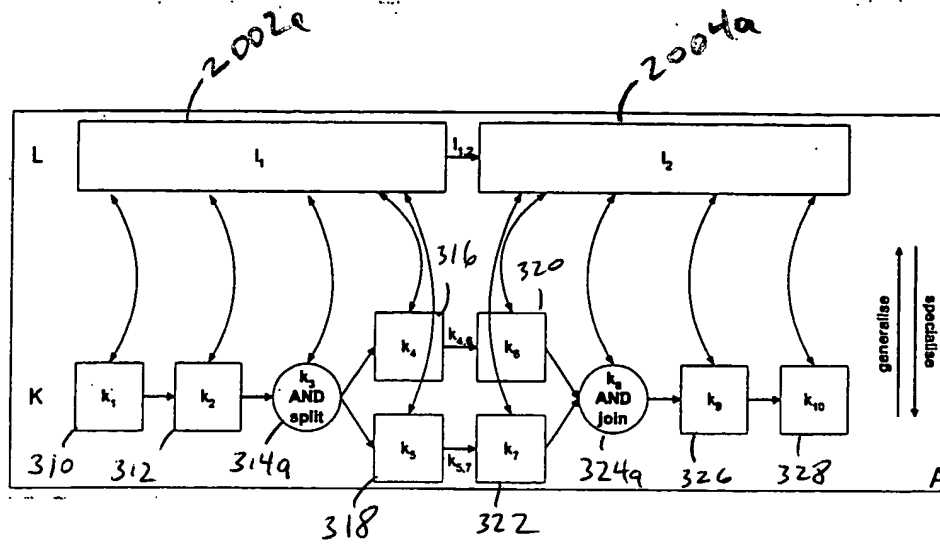


FIG. 20A

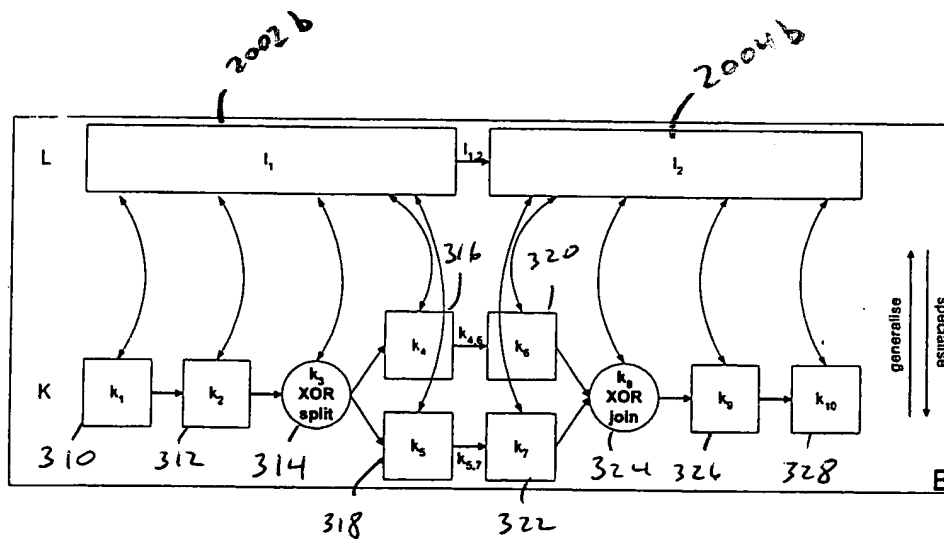


FIG. 20B

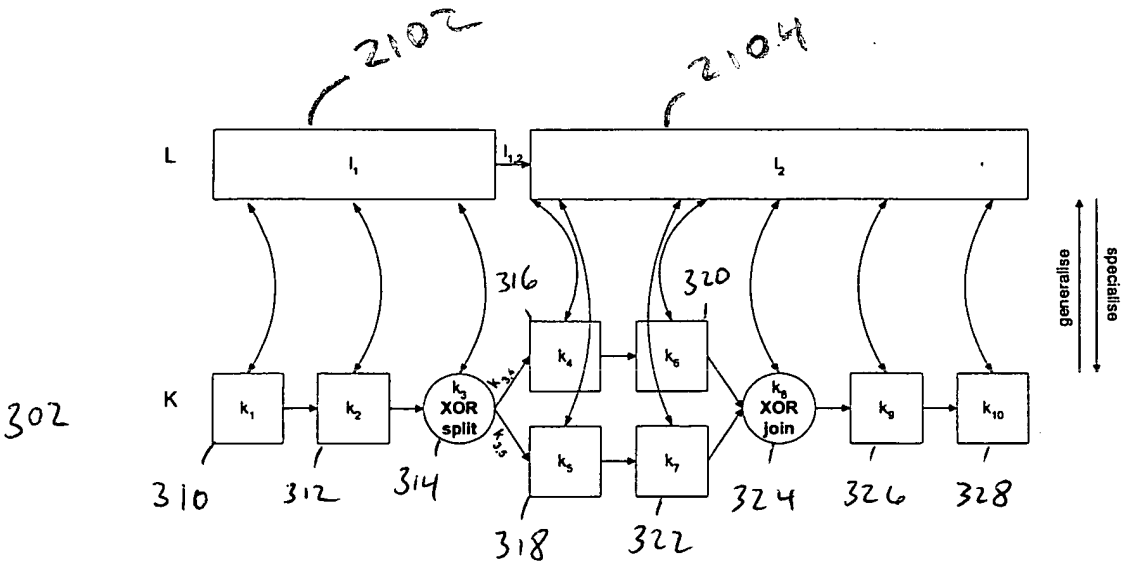


FIG. 21

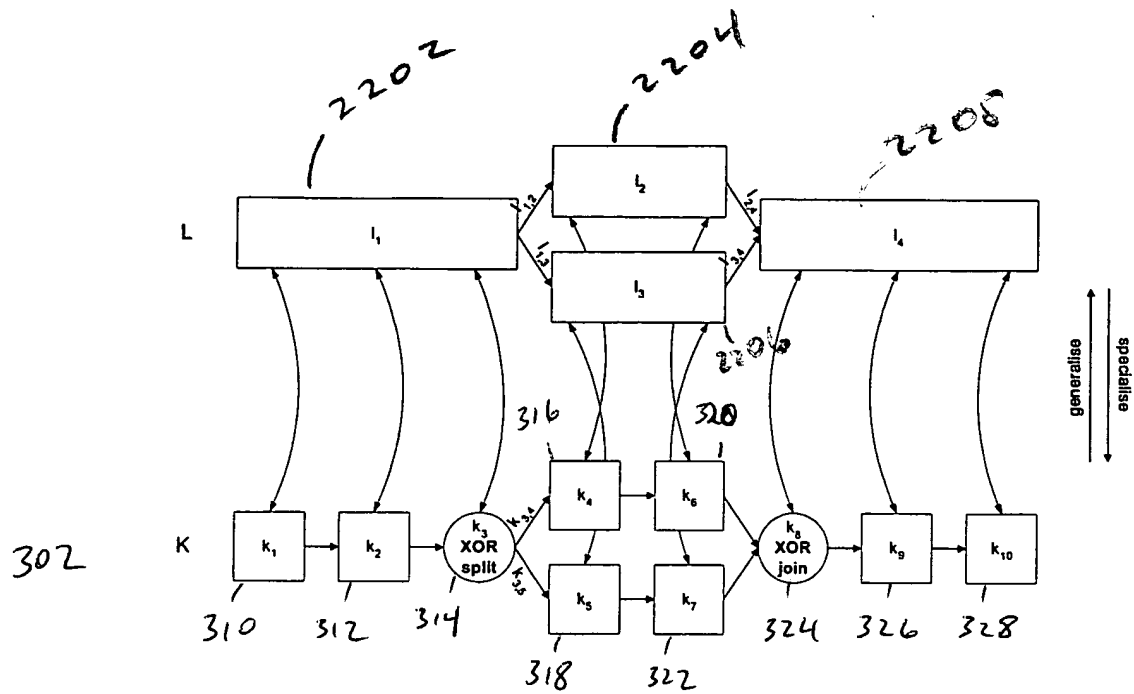


FIG. 22

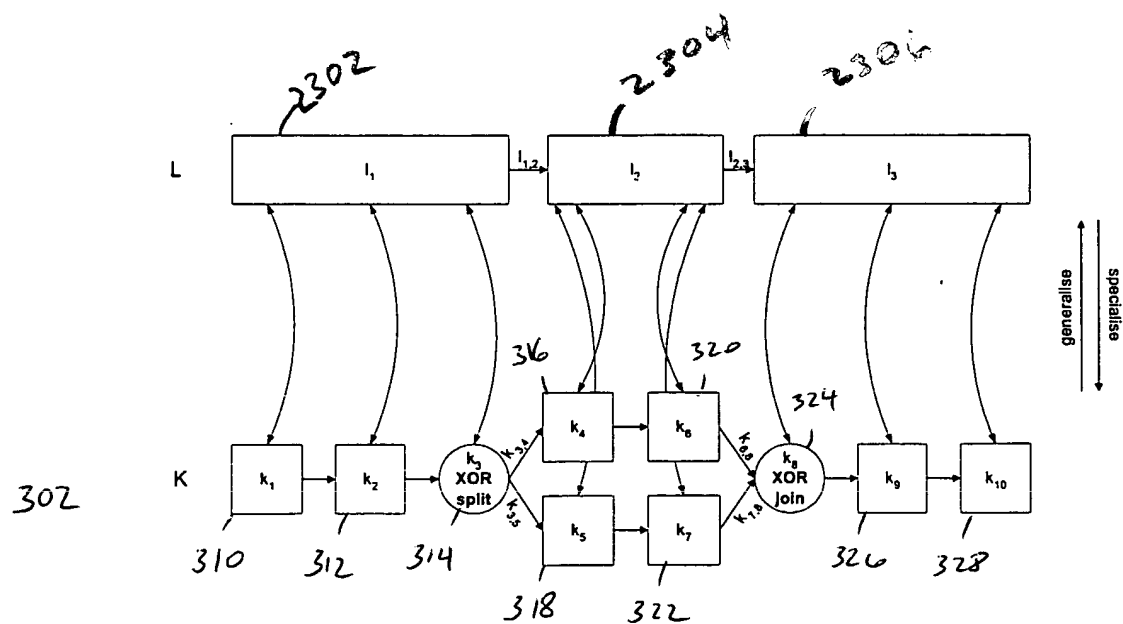


FIG. 23

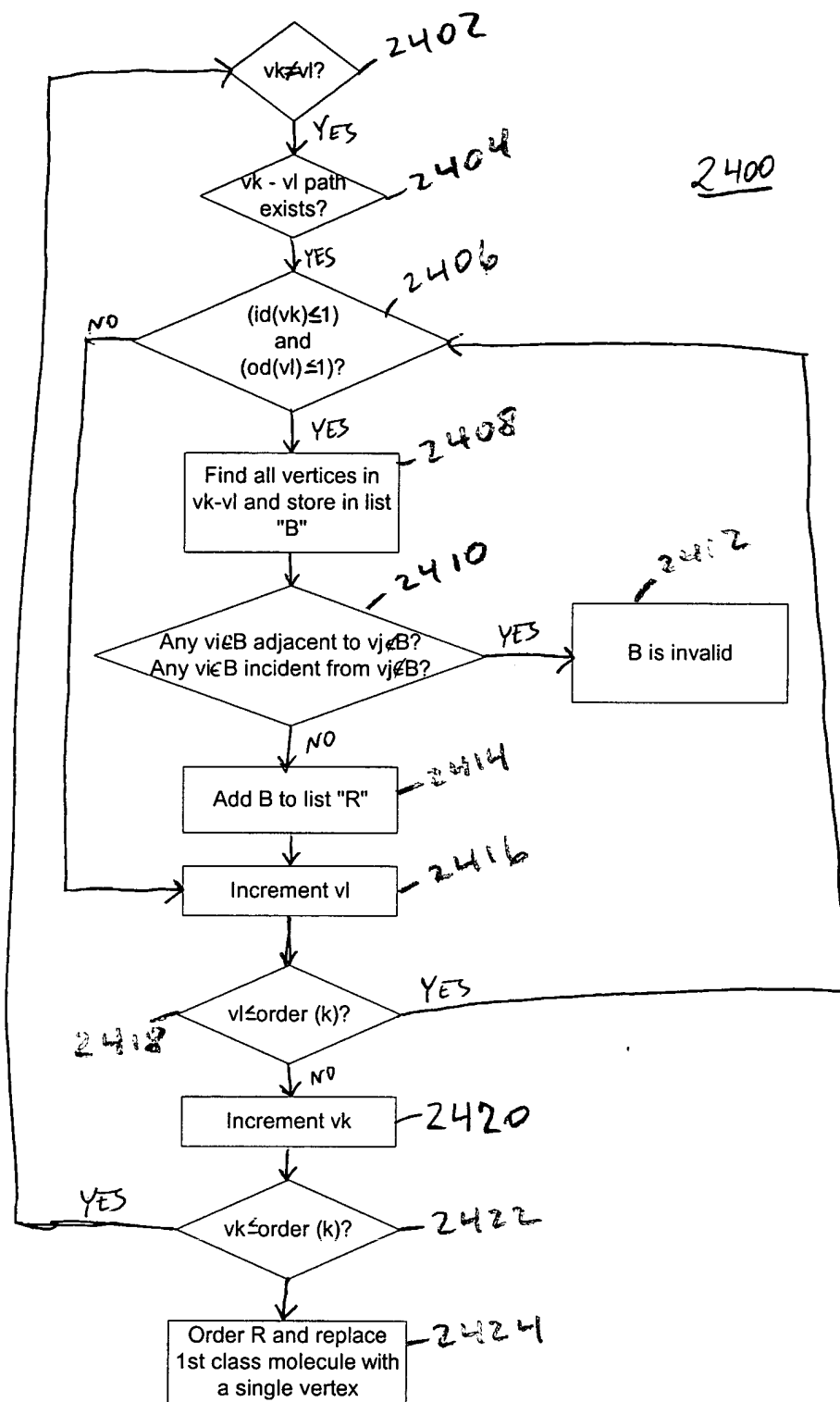


FIG. 24

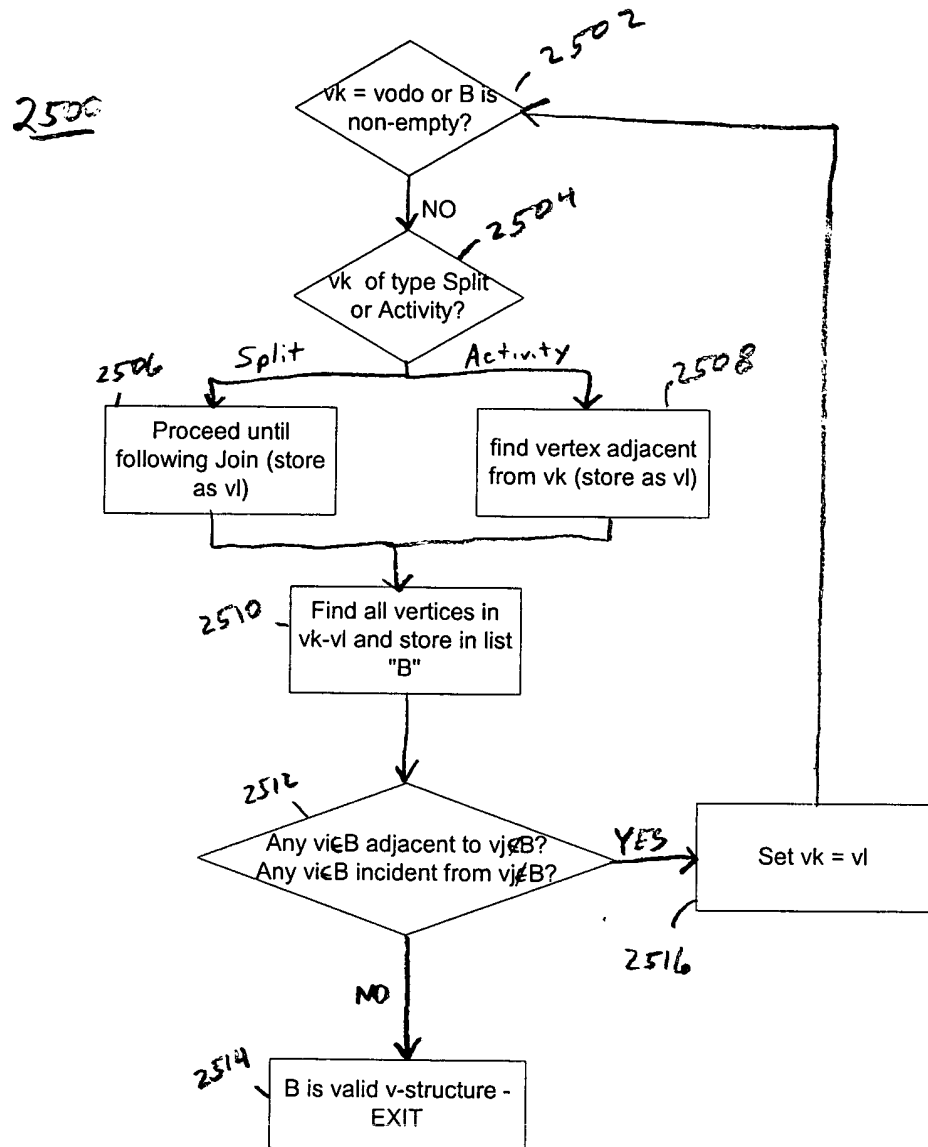


FIG. 25

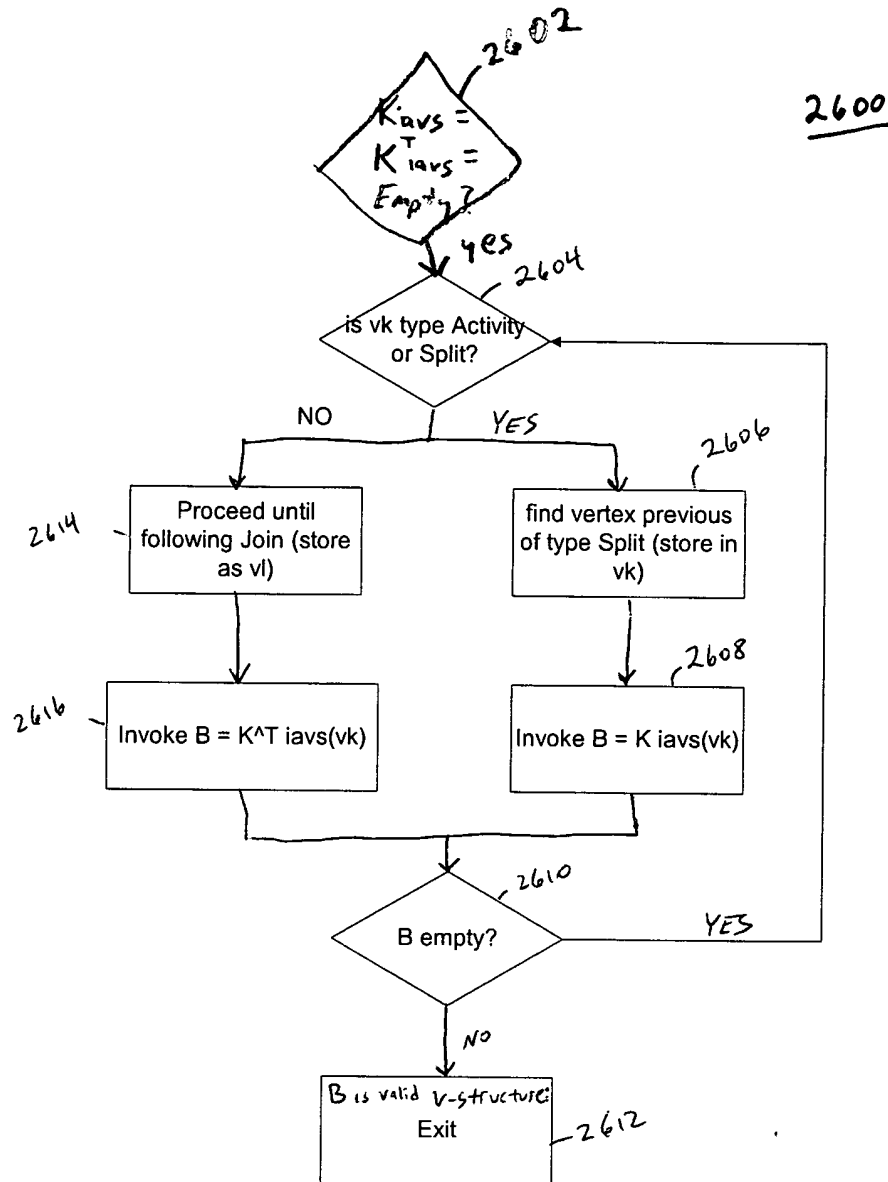


FIG. 26

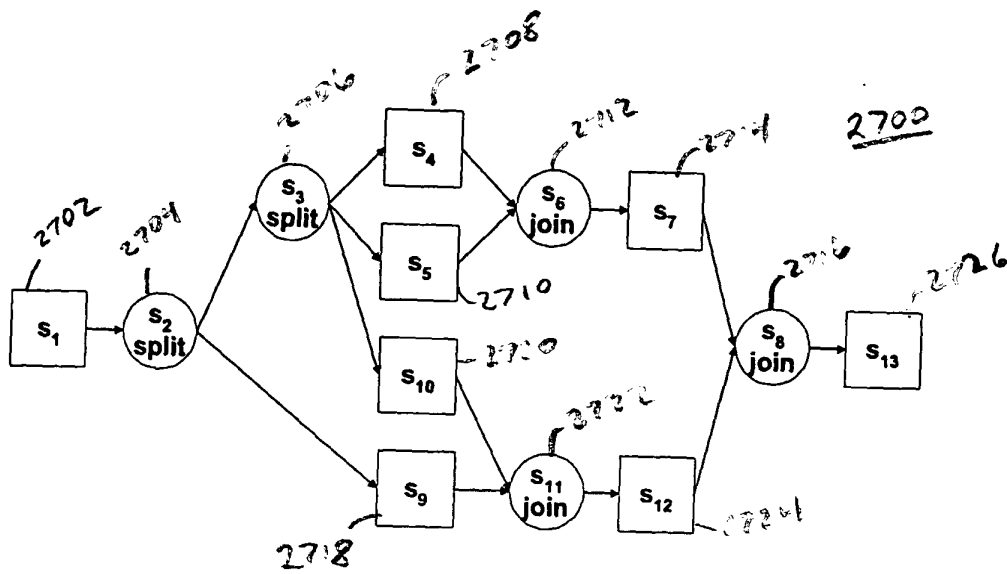


FIG. 27A

v_k	$S_{\text{Iavse}}(v_k)$
s_1	$\{s_1, s_2, s_3, s_4, s_5, s_6, s_7, s_8, s_9, s_{10}, s_{11}, s_{12}\}$
s_2	$\{s_2, s_3, s_4, s_5, s_6, s_7, s_8, s_9, s_{10}, s_{11}, s_{12}\}$
s_3	$\{s_2, s_3, s_4, s_5, s_6, s_7, s_8, s_9, s_{10}, s_{11}, s_{12}\}$
s_4	$\{s_2, s_3, s_4, s_5, s_6, s_7, s_8, s_9, s_{10}, s_{11}, s_{12}\}$
s_5	$\{s_2, s_3, s_4, s_5, s_6, s_7, s_8, s_9, s_{10}, s_{11}, s_{12}\}$
s_6	$\{s_2, s_3, s_4, s_5, s_6, s_7, s_8, s_9, s_{10}, s_{11}, s_{12}\}$
s_7	$\{s_2, s_3, s_4, s_5, s_6, s_7, s_8, s_9, s_{10}, s_{11}, s_{12}\}$
s_8	$\{s_2, s_3, s_4, s_5, s_6, s_7, s_8, s_9, s_{10}, s_{11}, s_{12}\}$
s_9	$\{s_2, s_3, s_4, s_5, s_6, s_7, s_8, s_9, s_{10}, s_{11}, s_{12}\}$
s_{10}	$\{s_2, s_3, s_4, s_5, s_6, s_7, s_8, s_9, s_{10}, s_{11}, s_{12}\}$
s_{11}	$\{s_2, s_3, s_4, s_5, s_6, s_7, s_8, s_9, s_{10}, s_{11}, s_{12}\}$
s_{12}	$\{s_2, s_3, s_4, s_5, s_6, s_7, s_8, s_9, s_{10}, s_{11}, s_{12}\}$
s_{13}	$\{s_2, s_3, s_4, s_5, s_6, s_7, s_8, s_9, s_{10}, s_{11}, s_{12}, s_{13}\}$

FIG. 27B

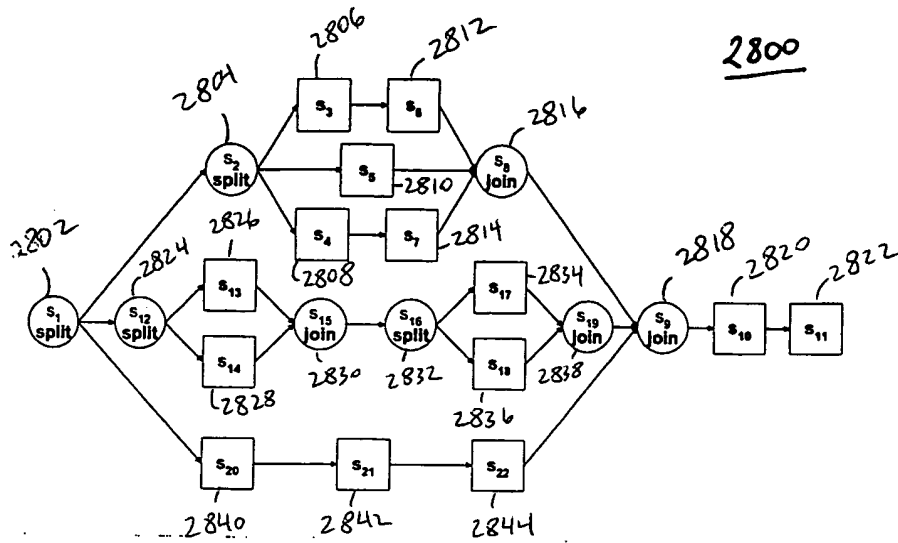


FIG. 28A

v_k	$S_{iavs_e}(v_k)$
s_1	$\{s_1, s_2, s_3, s_4, s_5, s_6, s_7, s_8, s_9, s_{12}, s_{13}, s_{14}, s_{15}, s_{16}, s_{17}, s_{18}, s_{19}, s_{20}, s_{21}, s_{22}\}$
s_2	$\{s_2, s_3, s_4, s_5, s_6, s_7, s_8\}$
s_3	$\{s_3, s_6\}$
s_4	$\{s_4, s_7\}$
s_5	$\{s_2, s_3, s_4, s_5, s_6, s_7, s_8\}$
s_6	$\{s_3, s_6\}$
s_7	$\{s_4, s_7\}$
s_8	$\{s_2, s_3, s_4, s_5, s_6, s_7, s_8\}$
s_9	$\{s_1, s_2, s_3, s_4, s_5, s_6, s_7, s_8, s_9, s_{12}, s_{13}, s_{14}, s_{15}, s_{16}, s_{17}, s_{18}, s_{19}, s_{20}, s_{21}, s_{22}\}$
s_{10}	$\{s_1, s_2, s_3, s_4, s_5, s_6, s_7, s_8, s_9, s_{10}, s_{12}, s_{13}, s_{14}, s_{15}, s_{16}, s_{17}, s_{18}, s_{19}, s_{20}, s_{21}, s_{22}\},$ $\{s_{10}, s_{11}\}$
s_{11}	$\{s_{10}, s_{11}\}$
s_{12}	$\{s_{12}, s_{13}, s_{14}, s_{15}\}$
s_{13}	$\{s_{12}, s_{13}, s_{14}, s_{15}\}$
s_{14}	$\{s_{12}, s_{13}, s_{14}, s_{15}\}$
s_{15}	$\{s_{12}, s_{13}, s_{14}, s_{15}\}$
s_{16}	$\{s_{16}, s_{17}, s_{18}, s_{19}\}$
s_{17}	$\{s_{16}, s_{17}, s_{18}, s_{19}\}$
s_{18}	$\{s_{16}, s_{17}, s_{18}, s_{19}\}$
s_{19}	$\{s_{16}, s_{17}, s_{18}, s_{19}\}$
s_{20}	$\{s_{20}, s_{21}\}$
s_{21}	$\{s_{20}, s_{21}\}, \{s_{21}, s_{22}\}$
s_{22}	$\{s_{21}, s_{22}\}$

FIG. 28B

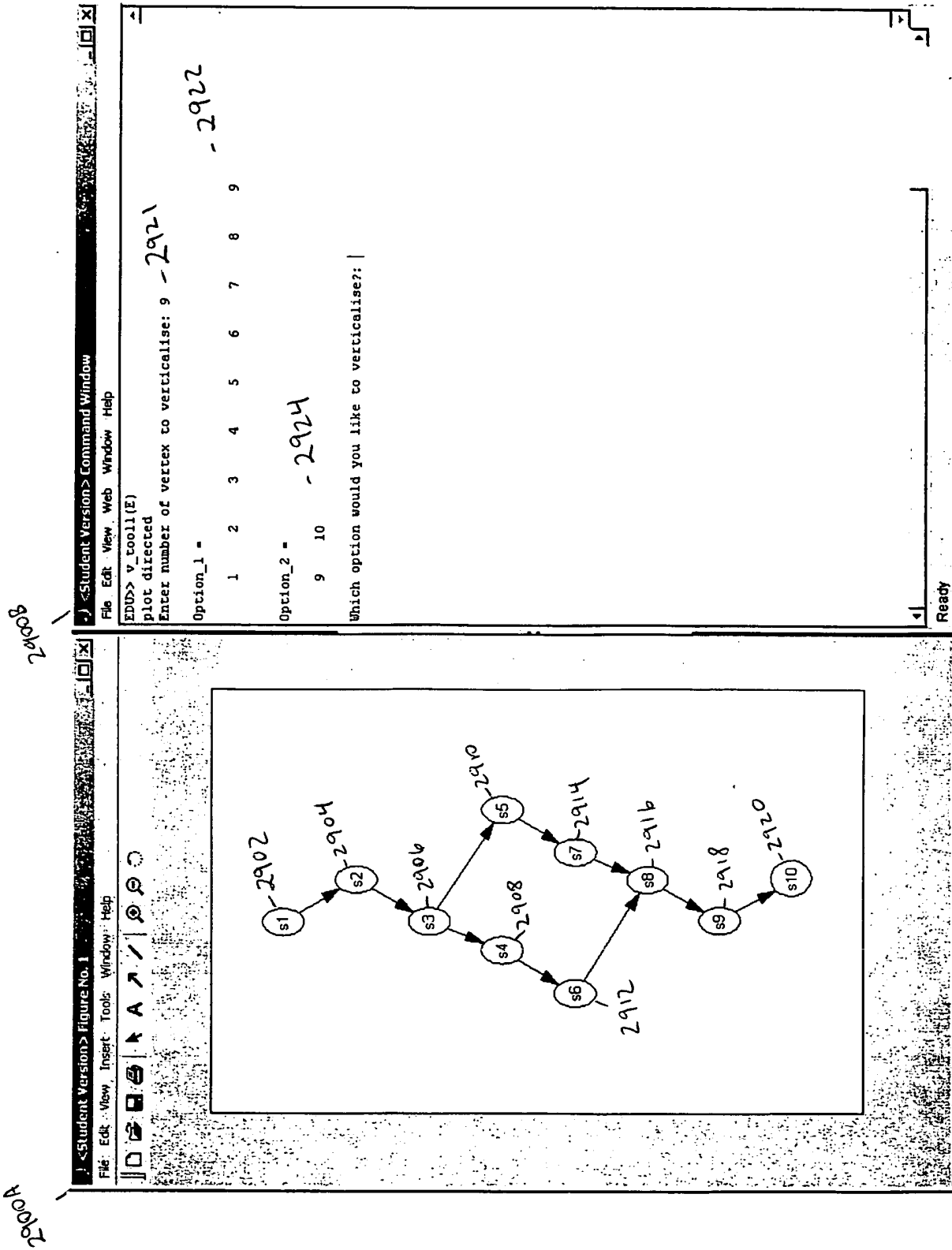


FIG. 29

2000

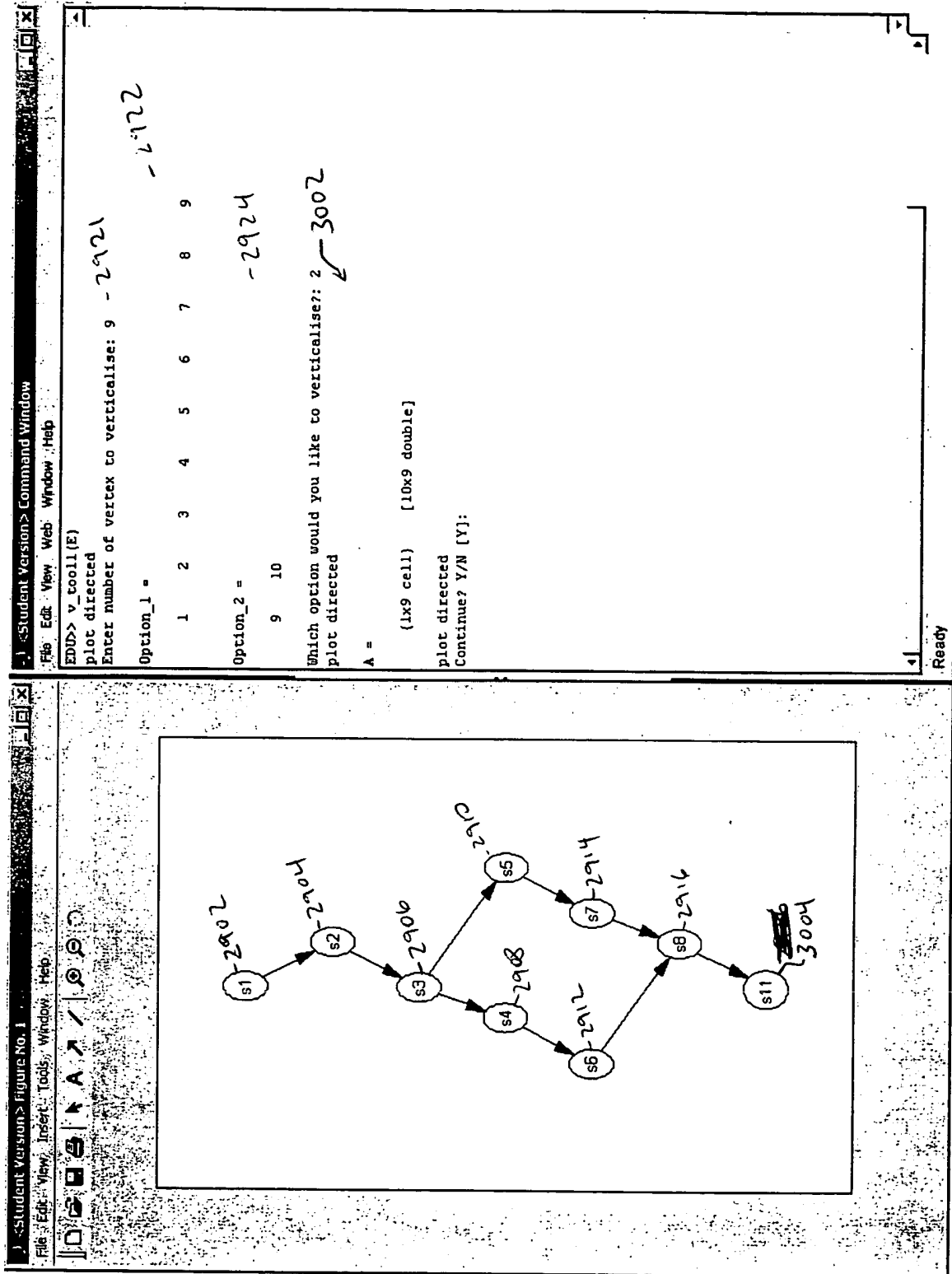


FIG. 30

3100

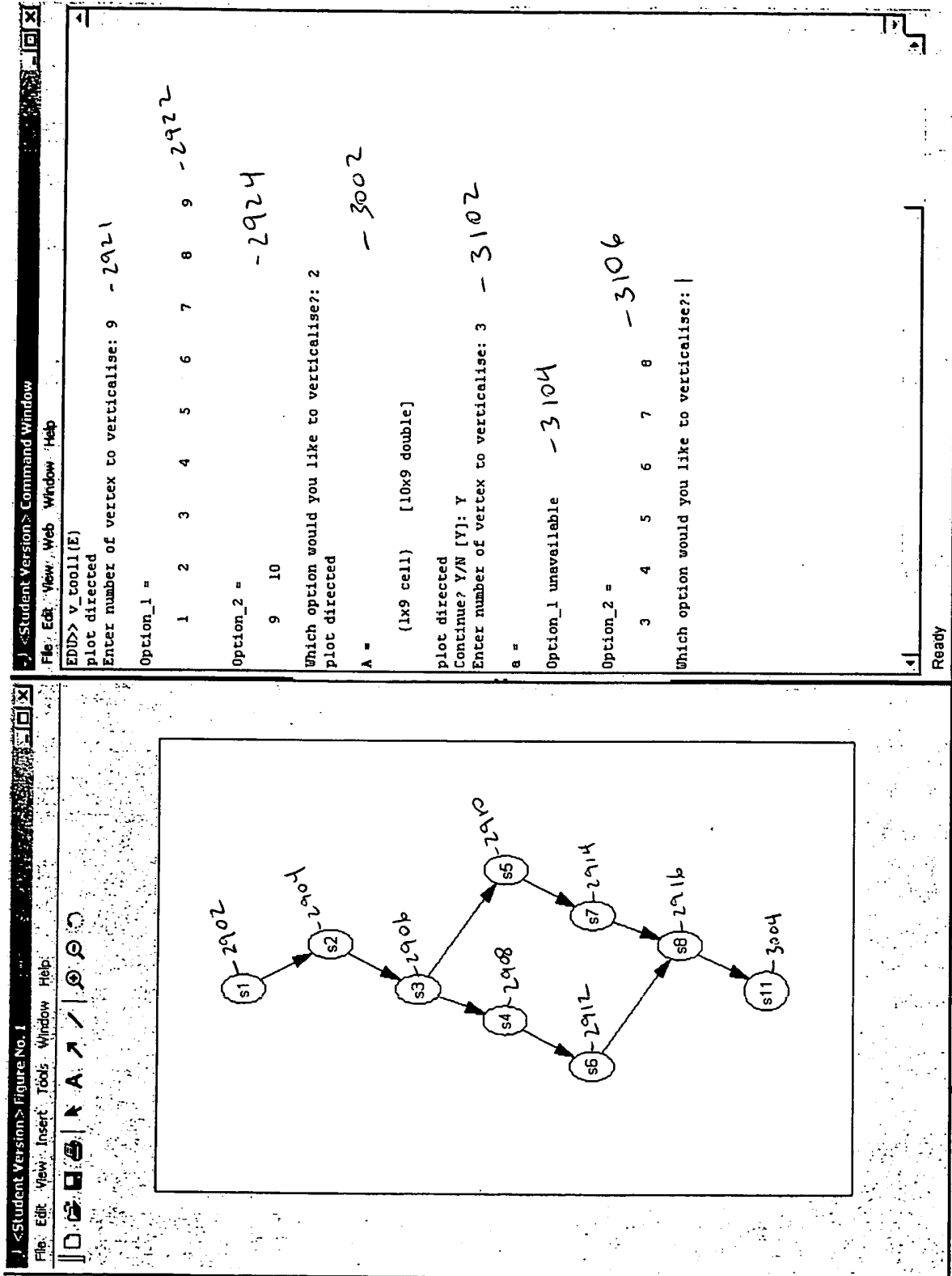


FIG. 31

Applicant(s): Karsten Schulz, et al.

TRANSFORMATIONS BETWEEN PRIVATE AND SHARED WORKFLOWS

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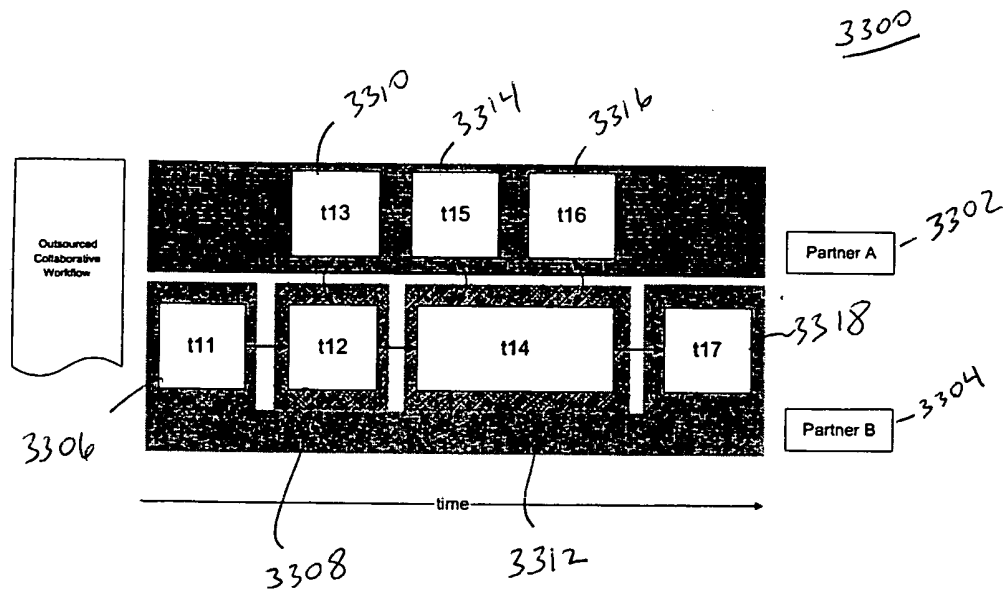


FIG. 33

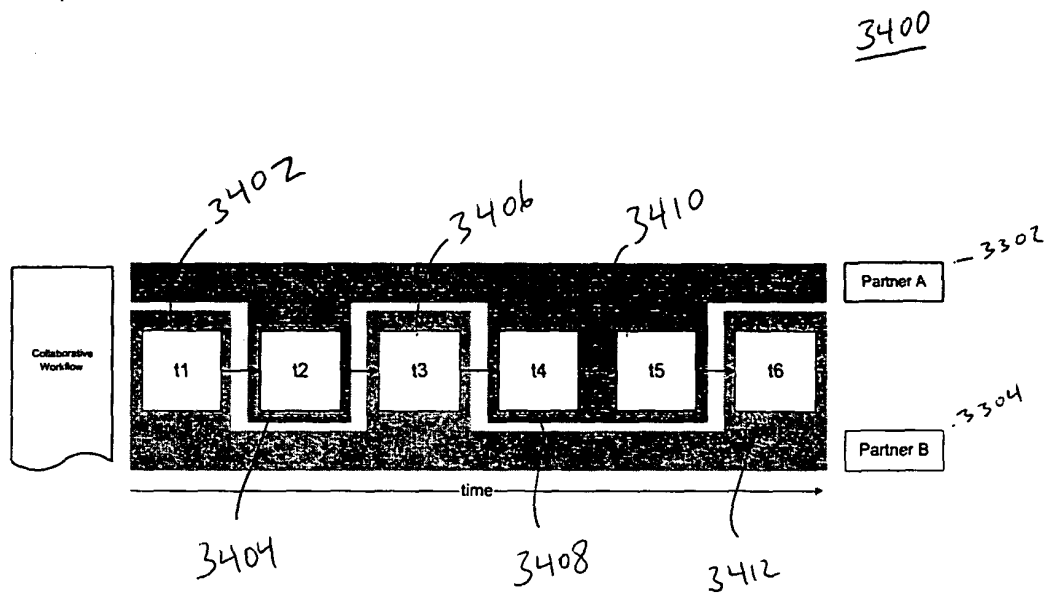


FIG. 34

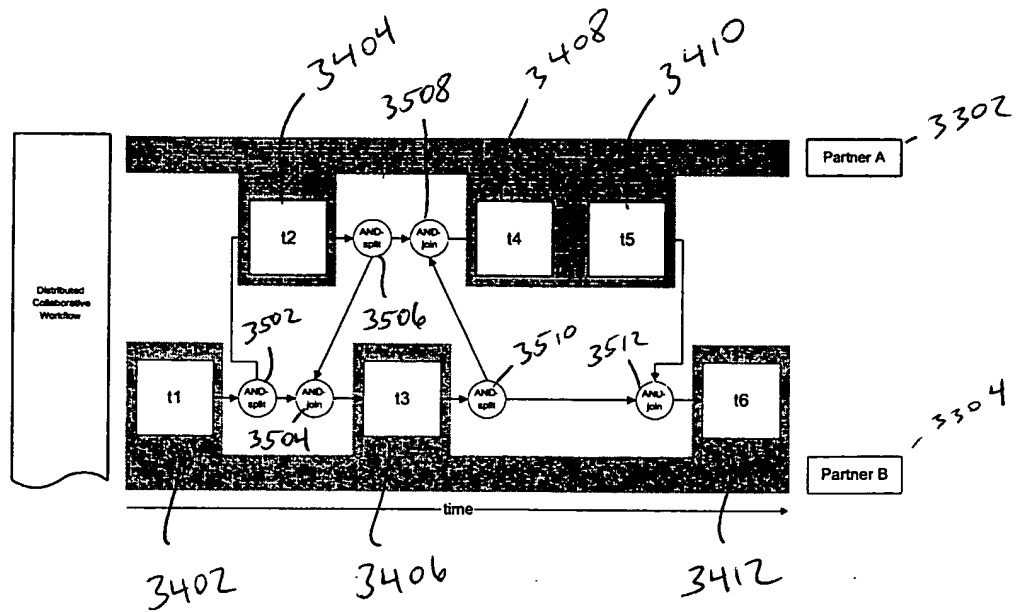


FIG. 35

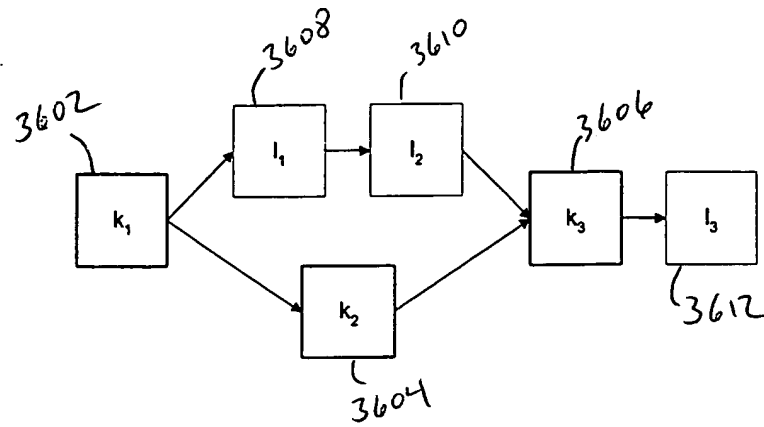


FIG. 36

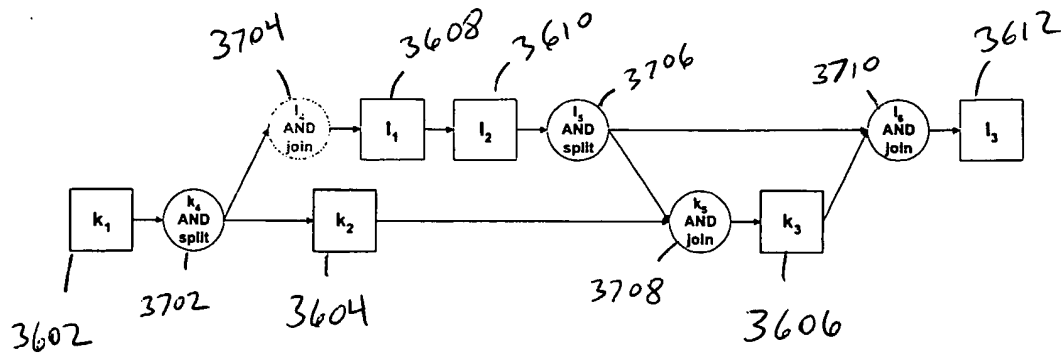


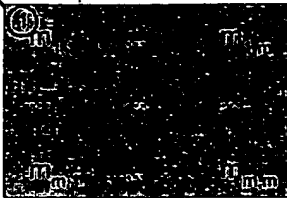
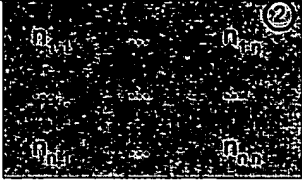
FIG. 37

Applicant(s): Karsten Schulz, et al.

TRANSFORMATIONS BETWEEN PRIVATE AND SHARED
WORKFLOWS

3800

3802

column-index (j) row-index (i)	1	...	m	m+1	...	m+n
1				0	0	0
...				0	0	0
m				0	0	0
m+1	0	0	0			
...	0	0	0			
m+n	0	0	0			

3806

3804

FIG. 38

3900

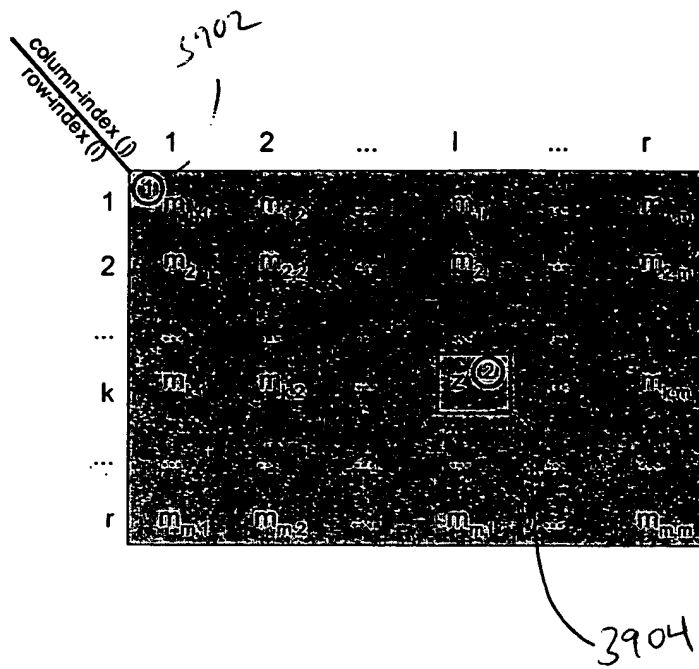


FIG. 39

Applicant(s): Karsten Schulz, et al.

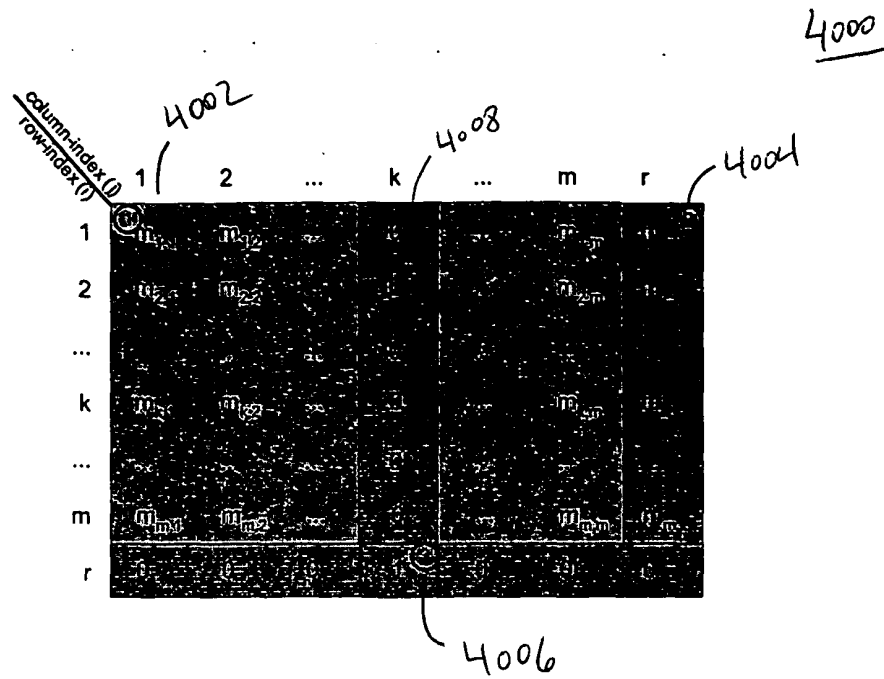
TRANSFORMATIONS BETWEEN PRIVATE AND SHARED
WORKFLOWS

FIG. 40

Applicant(s): Karsten Schulz, et al.

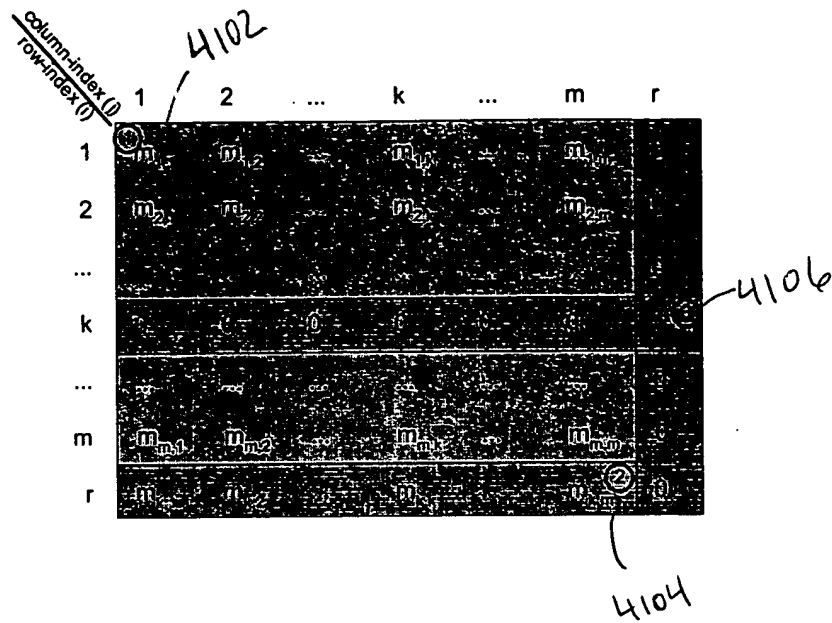
TRANSFORMATIONS BETWEEN PRIVATE AND SHARED
WORKFLOWS

FIG. 41

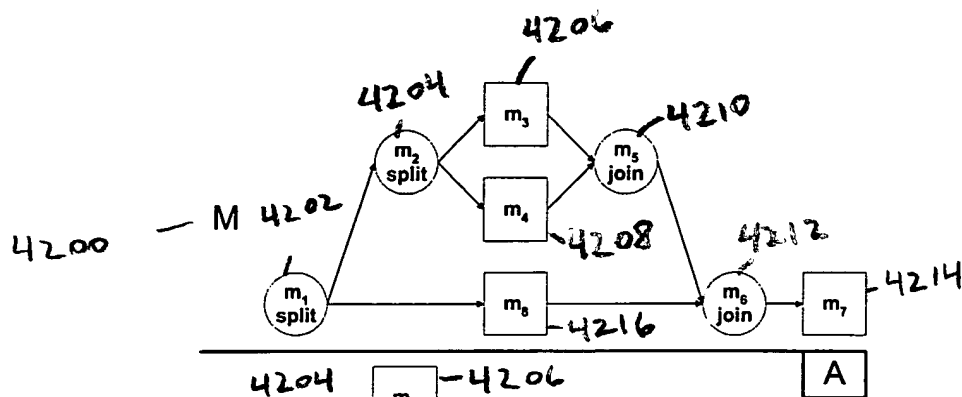


FIG. 42

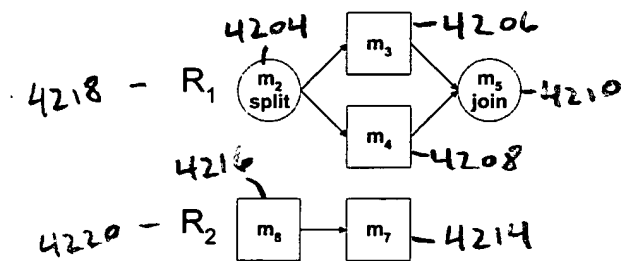


FIG. 42A

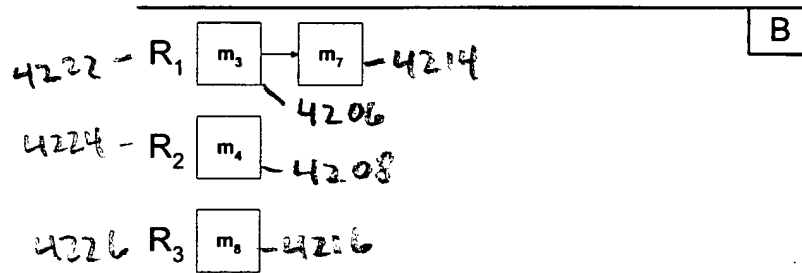


FIG. 42B

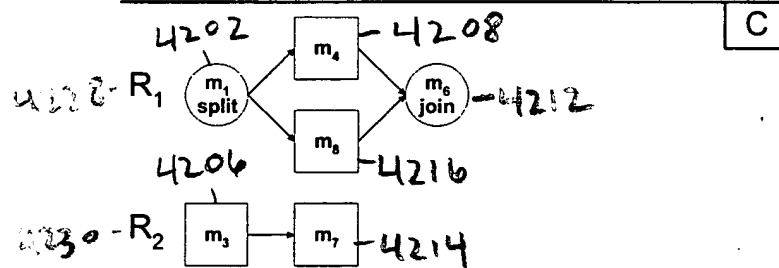


FIG. 42C

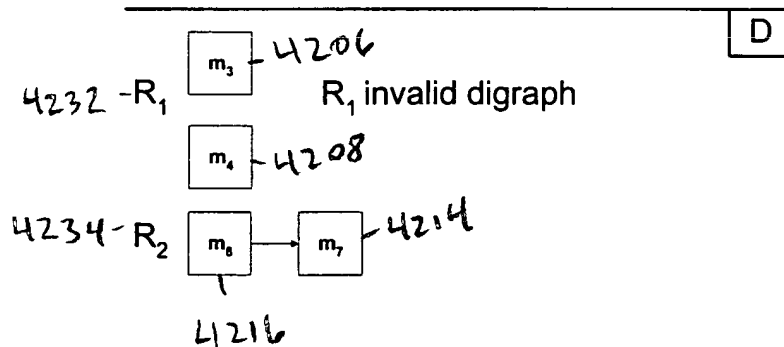


FIG. 42D

Applicant(s): Karsten Schulz, et al.

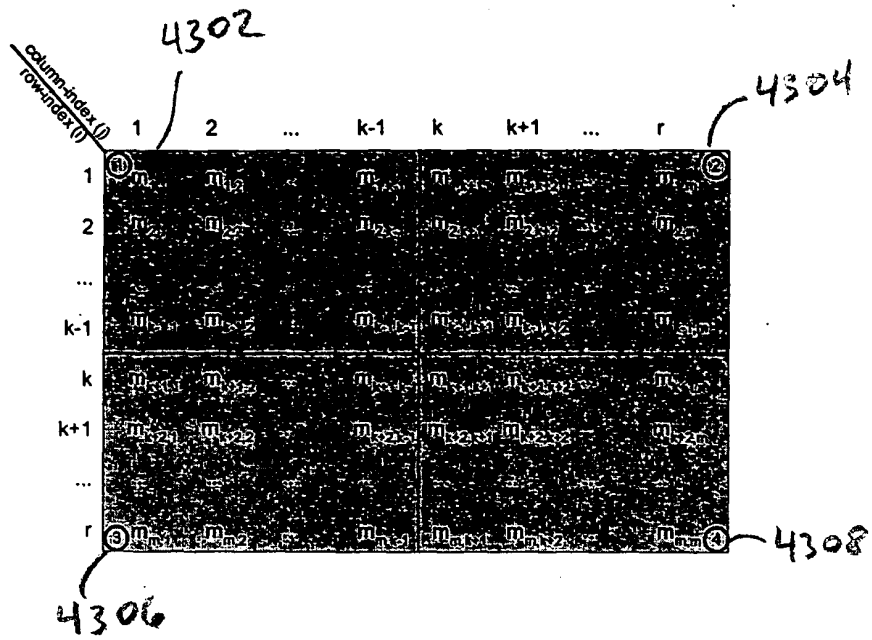
TRANSFORMATIONS BETWEEN PRIVATE AND SHARED
WORKFLOWS4302

FIG. 43

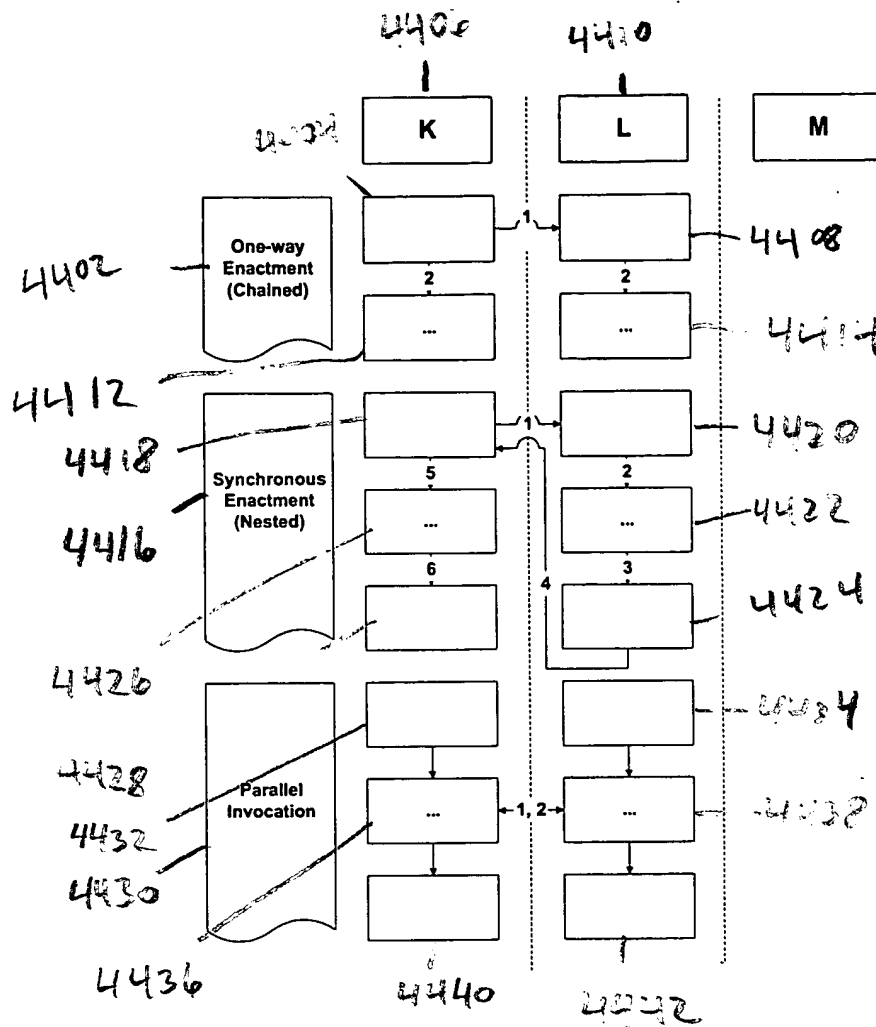


FIG. 44

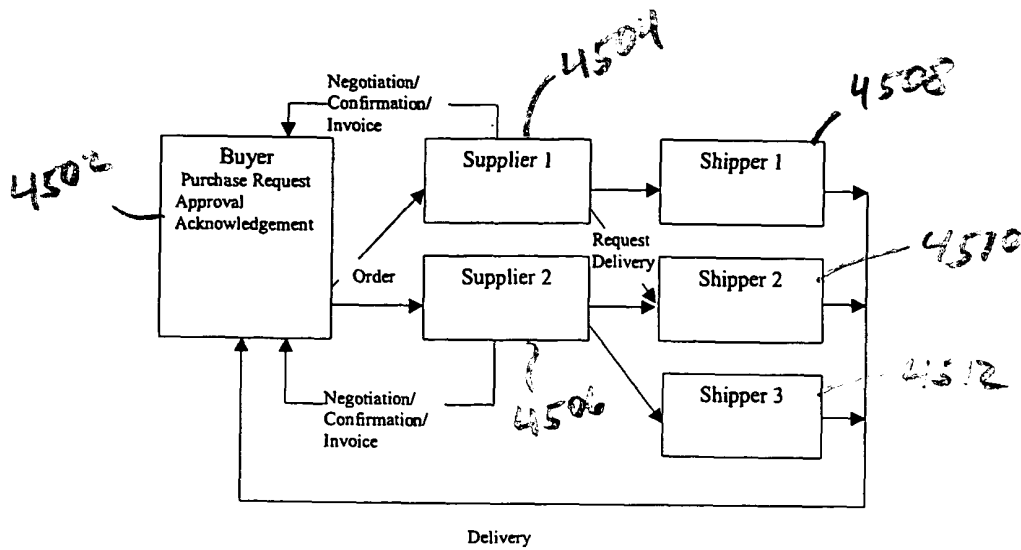


FIG. 45

Applicant(s): Karsten Schulz, et al.

TRANSFORMATIONS BETWEEN PRIVATE AND SHARED WORKFLOWS

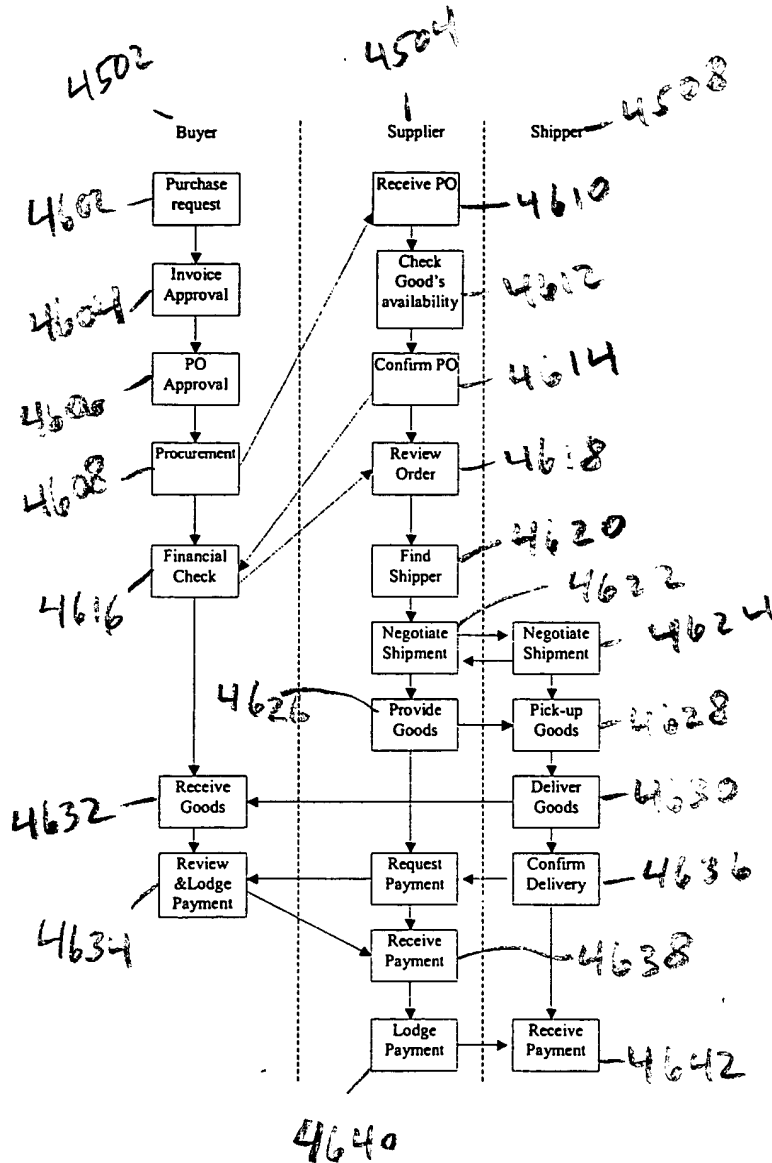


FIG. 46

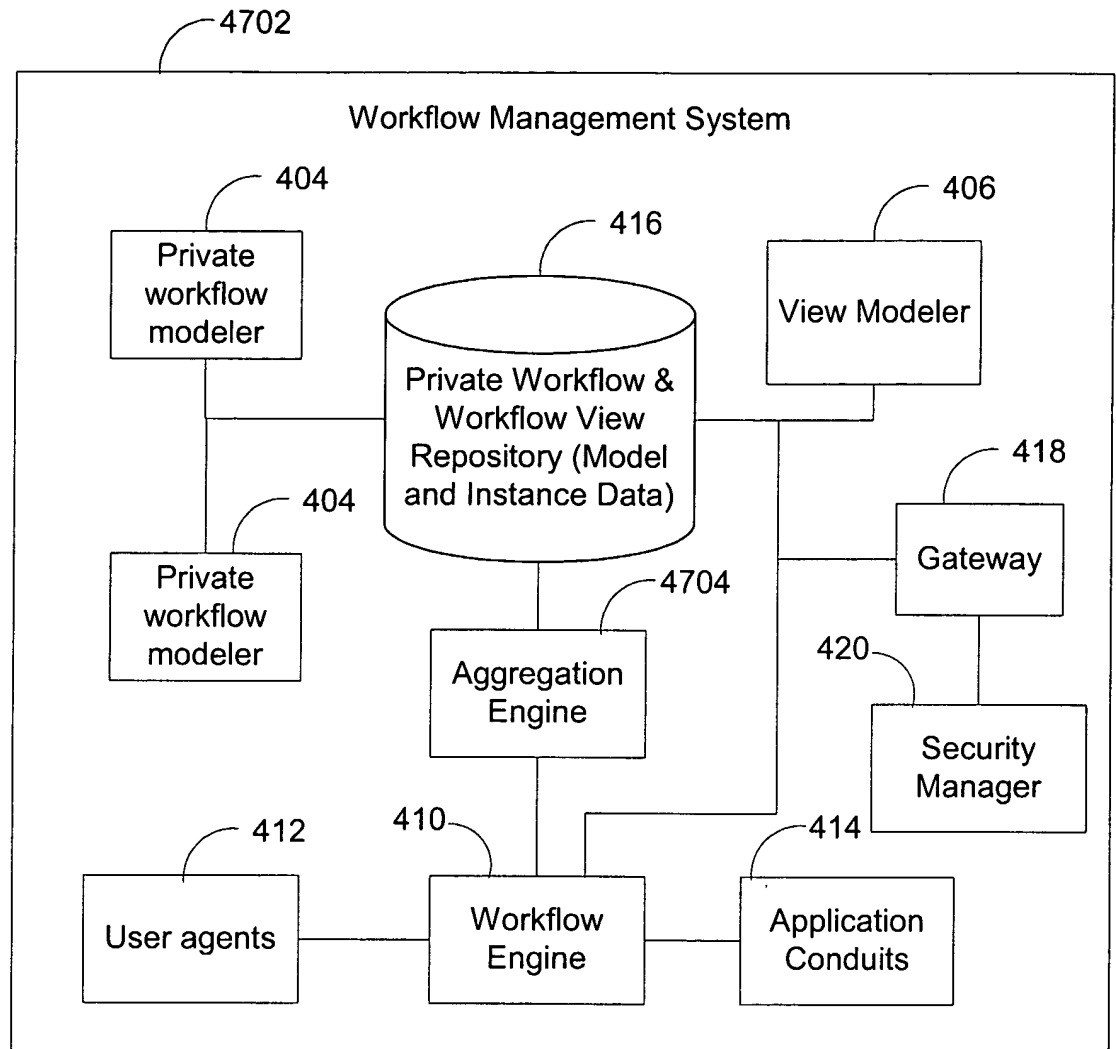


FIG. 47

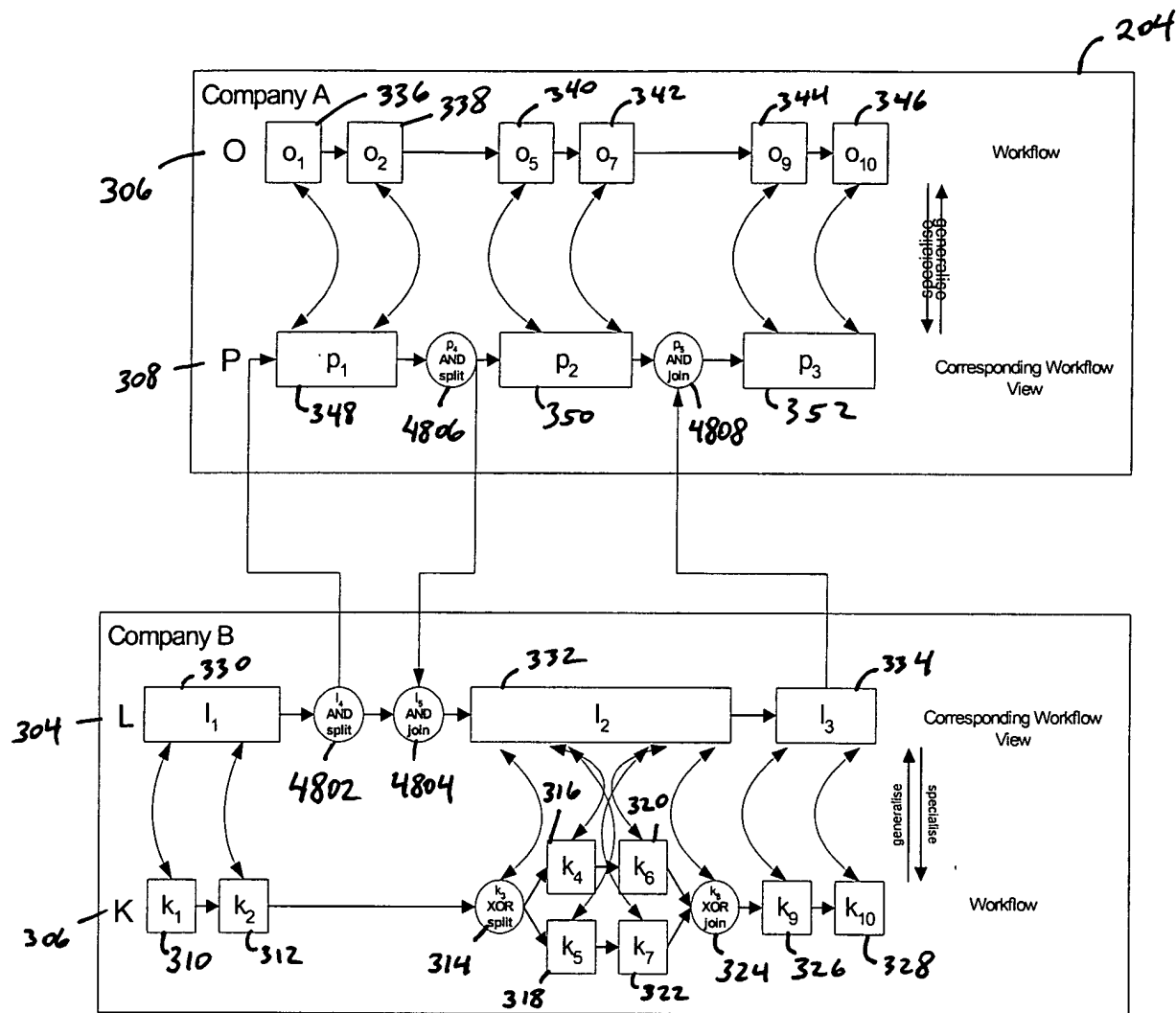


FIG. 48

4900

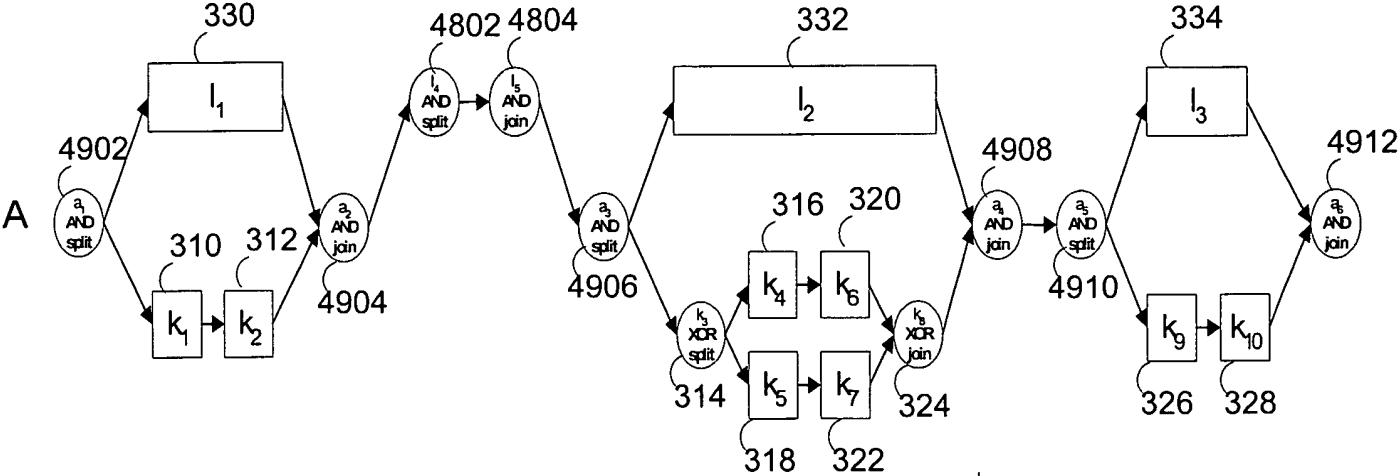


FIG. 49

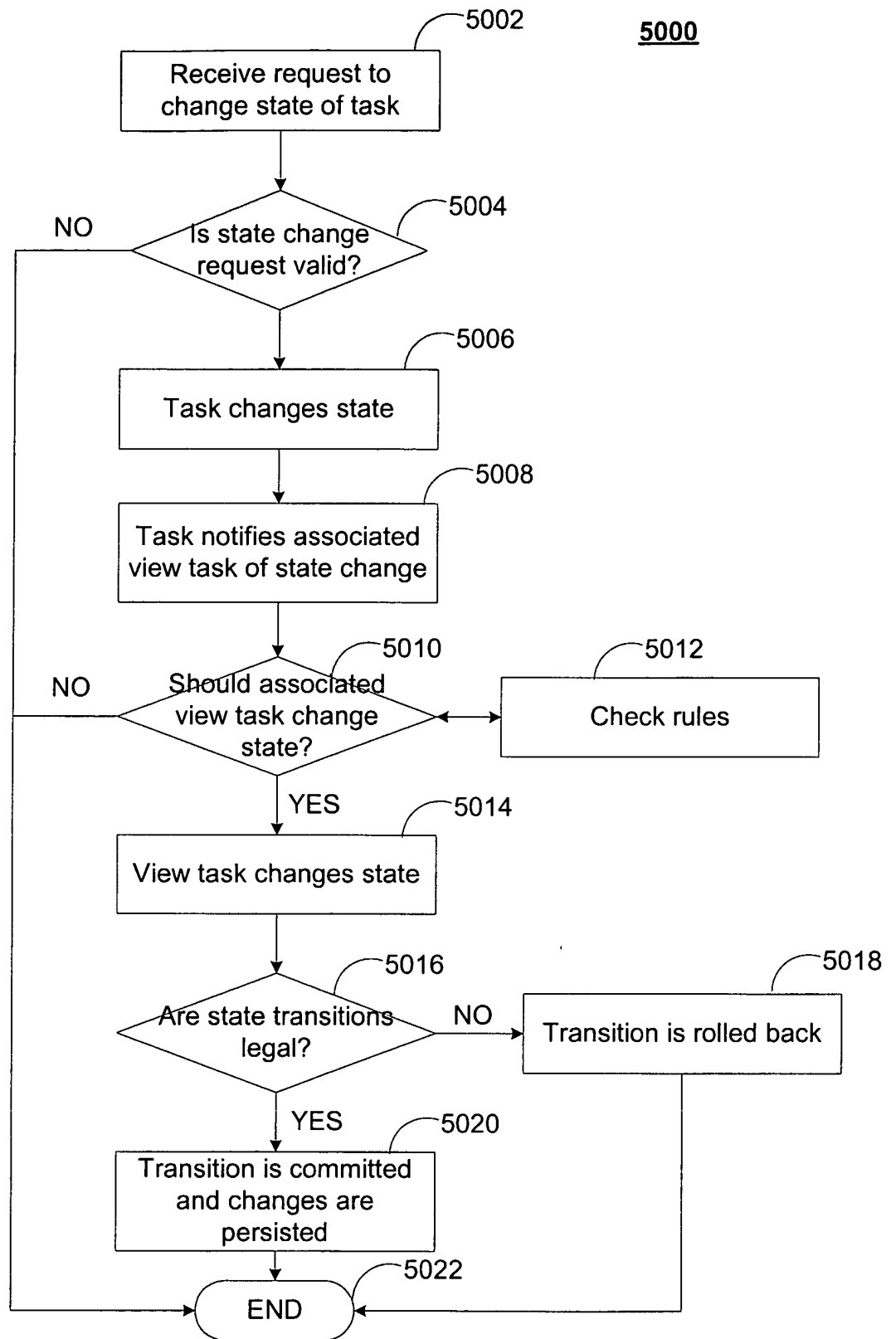


FIG. 50

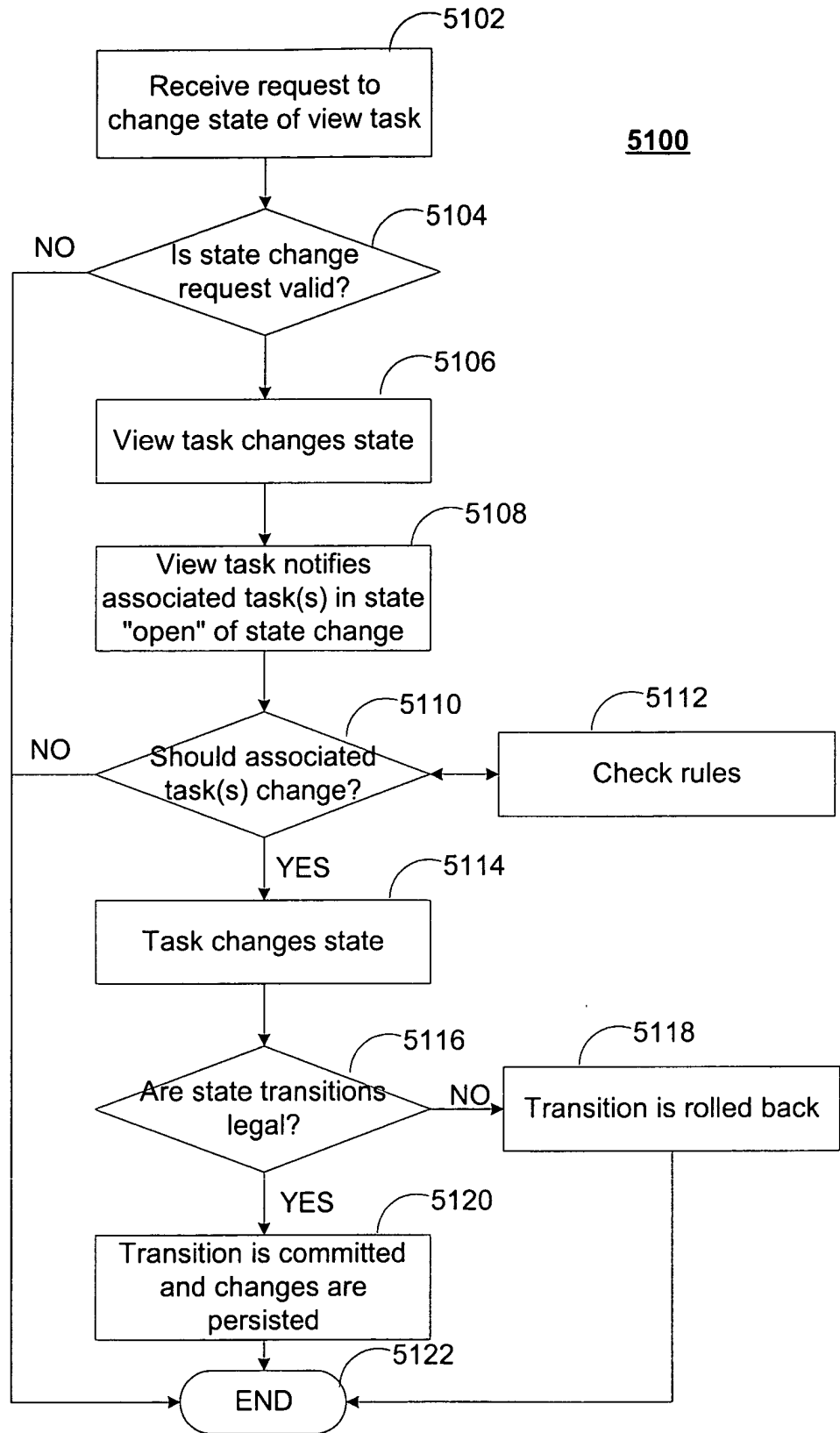


FIG. 51

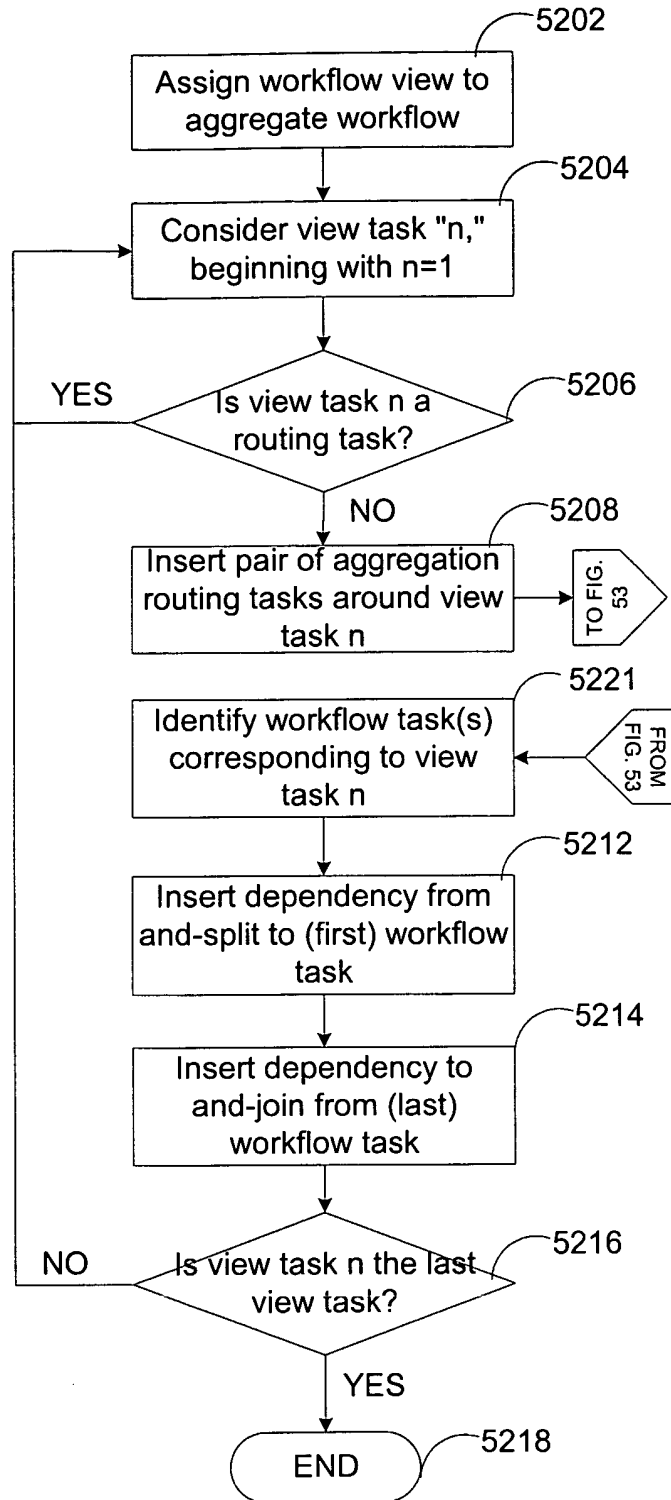
5200

FIG. 52

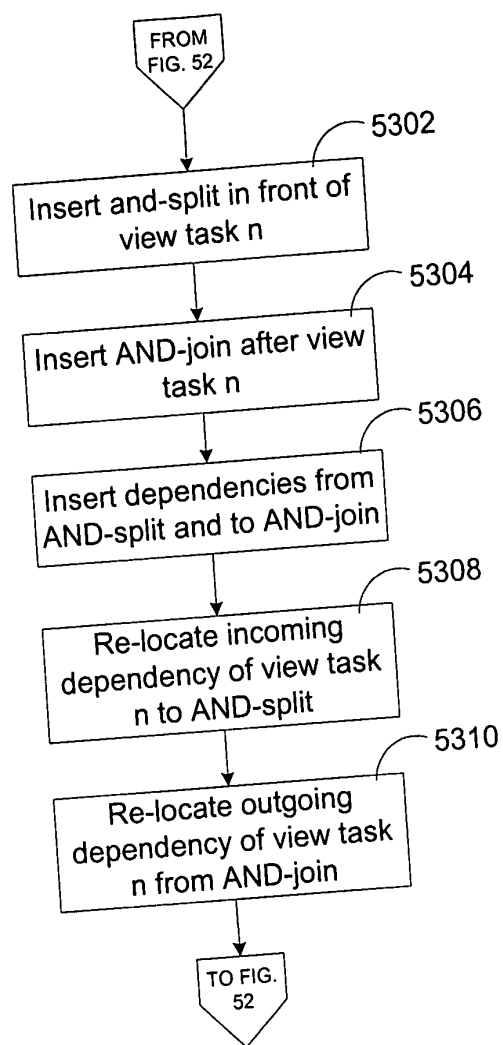


FIG. 53